

# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO  
LBC Houston, L.P.

AUTHORIZING THE OPERATION OF  
LBC Houston Bayport Terminal  
Other Warehousing and Storage

LOCATED AT  
Harris County, Texas  
Latitude 29° 36' 15" Longitude 95° 1' 45"  
Regulated Entity Number: RN101041598

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No:     O1001     Issuance Date: \_\_\_\_\_

\_\_\_\_\_  
For the Commission

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## **General Terms and Conditions**

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

## **Special Terms and Conditions:**

### **Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:
  - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
  - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
  - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
  - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
  - E. Emission units subject to 40 CFR Part 63, Subparts Y, EEEE, ZZZZ and DDDDD identified in the attached Applicable Requirements Summary table are subject to

30 TAC Chapter 113, Subchapters C, § 113.300, § 113.880, § 113.1090, and § 113.1130, which incorporate the 40 CFR Part 63 Subpart by reference.

- F. The permit holder shall comply with the following 30 TAC Chapter 101, Subchapter H, Division 3 (Mass Emission Cap and Trade Program) Requirements:
  - (i) Title 30 TAC § 101.352 (relating to General Provisions)
  - (ii) Title 30 TAC § 101.353 (relating to Allocation of Allowances)
  - (iii) Title 30 TAC § 101.354 (relating to Allowance Deductions)
  - (iv) Title 30 TAC § 101.356 (relating to Allowance Banking and Trading)
  - (v) Title 30 TAC § 101.359 (relating to Reporting)
  - (vi) Title 30 TAC § 101.360 (relating to Level of Activity Certification)
  - (vii) The terms and conditions by which the emission limits are established to meet or exceed the cap are applicable requirements of this permit
- G. The permit holder shall comply with the following 30 TAC Chapter 101, Subchapter H, Division 6 (Highly Reactive Volatile Organic Compound Emissions Cap and Trade Program) requirements:
  - (i) Title 30 TAC § 101.393 (relating to General Provisions)
  - (ii) Title 30 TAC § 101.394 (relating to Allocation of Allowances)
  - (iii) Title 30 TAC § 101.396 (relating to Allowance Deductions)
  - (iv) Title 30 TAC § 101.399 (relating to Allowance Banking and Trading)
  - (v) Title 30 TAC § 101.400 (relating to Reporting)
  - (vi) The terms and conditions by which the emission limits are established to meet or exceed the cap are applicable requirements of this permit
- 2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
  - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
  - B. Title 30 TAC § 101.3 (relating to Circumvention)
  - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
  - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
  - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

- F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
  - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
  - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
  - I. Title 30 TAC § 101.222 (relating to Demonstrations)
  - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
    - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
    - (ii) Title 30 TAC § 111.111(a)(1)(E)
    - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
    - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:
      - (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
      - (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
  - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
  - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
  - (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

- B. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

- C. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
  - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
  - (ii) Sources with an effective stack height ( $h_e$ ) less than the standard effective stack height ( $H_e$ ), must reduce the allowable emission level by multiplying it by  $[h_e/H_e]^2$  as required in 30 TAC § 111.151(b)
  - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- 4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: Storage of Volatile Organic Compounds, the permit holder shall comply with the requirements of 30 TAC § 115.112(e)(1).
- 5. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
  - A. When filling stationary gasoline storage vessels (Stage I) for motor vehicle fuel dispensing facilities, constructed prior to November 15, 1992, with transfers to stationary storage tanks located at a facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
    - (i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
    - (ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)
    - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
    - (iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)
- 6. The permit holder shall comply with the following requirements of 30 TAC Chapter 115, Subchapter F, Division 3, Degassing of Storage Tanks, Transport Vessels and Marine Vessels:
  - A. For degassing of stationary VOC storage tanks, the permit holder shall comply with the following requirements:
    - (i) Title 30 TAC § 115.541(a) - (c) (relating to Emission Specifications)
    - (ii) Title 30 TAC § 115.541(f) (relating to Emission Specifications), for floating roof storage tanks
    - (iii) Title 30 TAC § 115.542(a) and (a)(1), (a)(2), (a)(3) or (a)(4) (relating to Control Requirements). Where the requirements of 30 TAC Chapter 115, Subchapter F contain multiple compliance options, the permit holder shall keep records of when each compliance option was used.
    - (iv) Title 30 TAC § 115.542(b) - (d), (relating to Control Requirements)
    - (v) Title 30 TAC § 115.543 (relating to Alternate Control Requirements)

- (vi) Title 30 TAC § 115.544(a)(1) and (a)(2) (relating to Inspection, Monitoring, and Testing Requirements), for inspections
- (vii) Title 30 TAC § 115.544(b) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring
- (viii) Title 30 TAC § 115.544(b)(1) and (b)(2) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring of control devices
- (ix) Title 30 TAC § 115.544(b)(2)(A) - (J) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring (as appropriate to the control device)
- (x) Title 30 TAC § 115.544(b)(3), (b)(4) and (b)(6) (relating to Inspection, Monitoring, and Testing Requirements), for VOC concentration or lower explosive limit threshold monitoring
- (xi) Title 30 TAC § 115.544(c), and (c)(1) - (c)(3) (relating to Inspection, Monitoring, and Testing Requirements), for testing of control devices used to comply with 30 TAC § 115.542(a)(1)
- (xii) Title 30 TAC § 115.545(1) - (7), (9) - (11) and (13) (relating to Approved Test Methods)
- (xiii) Title 30 TAC § 115.546(a), (a)(1) and (a)(3) (relating to Recordkeeping and Notification Requirements), for recordkeeping
- (xiv) Title 30 TAC § 115.546(a)(2) and (a)(2)(A) - (J) (relating to Recordkeeping and Notification Requirements), for recordkeeping (as appropriate to the control device)
- (xv) Title 30 TAC § 115.546(a)(4) (relating to Recordkeeping and Notification Requirements), for recordkeeping of testing of control devices used to comply with 30 TAC § 115.542(a)(1)
- (xvi) Title 30 TAC § 115.546(b) (relating to Recordkeeping and Notification Requirements), for notification
- (xvii) Title 30 TAC § 115.547(4) (relating to Exemptions)

7. The permit holder shall comply with the requirements of 30 TAC § 115.726(e)(1) for a site claiming exemption under 30 TAC § 115.727(a).
8. The permit holder shall comply with the following requirements of 30 TAC Chapter 115, Subchapter H, Division 1 for pressure relief devices not controlled by a flare:
  - A. Title 30 TAC § 115.725(c)
  - B. Title 30 TAC § 115.725(c)(1), (c)(1)(A) - (C)
  - C. Title 30 TAC § 115.725(c)(2)
  - D. Title 30 TAC § 115.725(c)(3), (c)(3)(A) - (E)
  - E. Title 30 TAC § 115.725(c)(4)



- F. Title 30 TAC § 115.725(l)
  - G. Title 30 TAC § 115.726(c), (c)(1) - (4)
- 9. The permit holder shall comply with the requirements of 30 TAC § 115.726(e)(3)(A) for vent streams having no potential to emit HRVOC.
  - 10. The permit holder shall comply with the requirements of 30 TAC § 115.726(e)(3)(A) for vent streams from sources exempt under 30 TAC § 115.727(c)(3).
  - 11. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
    - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
    - B. Title 40 CFR § 60.8 (relating to Performance Tests)
    - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
    - D. Title 40 CFR § 60.12 (relating to Circumvention)
    - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
    - F. Title 40 CFR § 60.14 (relating to Modification)
    - G. Title 40 CFR § 60.15 (relating to Reconstruction)
    - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
  - 12. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:
    - A. Title 40 CFR § 61.05 (relating to Prohibited Activities)
    - B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)
    - C. Title 40 CFR § 61.09 (relating to Notification of Start-up)
    - D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)
    - E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)
    - F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)
    - G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)
    - H. Title 40 CFR § 61.15 (relating to Modification)
    - I. Title 40 CFR § 61.19 (relating to Circumvention)
  - 13. For the benzene transfer operations to and from railcars and tank trucks specified in 40 CFR Part 61, Subpart BB, the permit holder shall comply with the following requirements:

- A. Title 40 CFR § 61.302(d) (relating to Standards)
  - B. Title 40 CFR § 61.305(g) - (h) (relating to Reporting and Recordkeeping)
14. For the benzene transfer operations to and from marine vessels specified in 40 CFR Part 61, Subpart BB, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.302(e) (relating to Standards)
  - B. Title 40 CFR § 61.303(f) (relating to Monitoring Requirements)
  - C. Title 40 CFR § 61.304(f) (relating to Test Methods and Procedures)
  - D. Title 40 CFR § 61.305(g) - (h) (relating to Reporting and Recordkeeping)
15. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
16. For the operations pertaining to the loading and unloading of marine tank vessels specified in 40 CFR Part 63, Subpart Y, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.300 incorporated by reference):
- A. Title 40 CFR § 63.560(c) (relating to Designation of Affected Source), for applicability of the General Provisions of Subpart A
  - B. Title 40 CFR § 63.563(a)(4) (relating to Compliance and Performance Testing), for vapor tightness requirements of the marine vessels
  - C. Title 40 CFR § 63.564(a)(1) and (d) (relating to Monitoring Requirements)
  - D. Title 40 CFR § 63.565(a) (relating to Test Methods and Procedures), for performance testing requirements
  - E. Title 40 CFR § 63.565(c) (relating to Test Methods and Procedures), for vapor tightness requirements of the marine vessels
  - F. Title 40 CFR § 63.566 (relating to Construction and Reconstruction)
  - G. Title 40 CFR § 63.567(a) - (b) and (h) - (i) (relating to Reporting and Recordkeeping Requirements)

#### **Additional Monitoring Requirements**

17. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular

instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

### **New Source Review Authorization Requirements**

18. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the permits by rule identified in the PBR Supplemental Tables in the application), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
  - A. Are incorporated by reference into this permit as applicable requirements
  - B. Shall be located with this operating permit
  - C. Are not eligible for a permit shield
19. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
20. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

### **Compliance Requirements**

21. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
22. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:
  - A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:
    - (i) For sources in the Houston-Galveston-Brazoria Nonattainment area, 30 TAC § 117.9020:
      - (1) Title 30 TAC § 117.9020(2)(A), (C), and (D)

- B. The permit holder shall comply with the Initial Control Plan unit listing requirement in 30 TAC § 117.350(c) and (c)(1).
  - C. The permit holder shall comply with the requirements of 30 TAC § 117.354 for Final Control Plan Procedures for Attainment Demonstration Emission Specifications and 30 TAC § 117.356 for Revision of Final Control Plan.
23. Use of Emission Credits to comply with applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
    - (i) Title 30 TAC Chapter 115
    - (ii) Title 30 TAC Chapter 117
    - (iii) Offsets for Title 30 TAC Chapter 116
  - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
    - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
    - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
    - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
    - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
    - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
24. Use of Discrete Emission Credits to comply with the applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
    - (i) Title 30 TAC Chapter 115
    - (ii) Title 30 TAC Chapter 117
    - (iii) If applicable, offsets for Title 30 TAC Chapter 116
    - (iv) Temporarily exceed state NSR permit allowables
  - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
    - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

- (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
- (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

### **Risk Management Plan**

25. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

### **Protection of Stratospheric Ozone**

26. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
- A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

### **Alternative Requirements**

27. The permit holder shall comply with the approved alternative means of control (AMOC); alternative monitoring, recordkeeping, or reporting requirements; or requirements determined to be equivalent to an otherwise applicable requirement contained in the Alternative Requirements attachment of this permit. Units complying with an approved alternative requirement have reference to the approval in the Applicable Requirements summary listing for the unit. The permit holder shall maintain the original documentation, from the EPA Administrator, demonstrating the method or limitation utilized. Documentation shall be maintained and made available in accordance with 30 TAC § 122.144.

### **Permit Location**

28. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

**Permit Shield (30 TAC § 122.148)**

29. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## **Attachments**

**Applicable Requirements Summary**

**Additional Monitoring Requirements**

**Permit Shield**

**New Source Review Authorization References**

**Alternative Requirement**

### **Applicable Requirements Summary**

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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.



### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
14	LOADING/UNLOADING OPERATIONS	N/A	V-2	30 TAC Chapter 115, Loading and Unloading of VOC	True Vapor Pressure = True vapor pressure less than 0.5 psia.
14	LOADING/UNLOADING OPERATIONS	N/A	V-5	30 TAC Chapter 115, Loading and Unloading of VOC	True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia., Daily Throughput = Loading greater than or equal to 20,000 gallons per day., Chapter 115 Control Device Type = Vapor control system with a direct flame incinerator., Control Options = Vapor control system that maintains a control efficiency of at least 90%., Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
14	LOADING/UNLOADING OPERATIONS	N/A	BB-3	40 CFR Part 61, Subpart BB	No changing attributes.
14	LOADING/UNLOADING OPERATIONS	N/A	EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
BLR-3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	111-BLR-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
BLR-4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	111-BLR-4	30 TAC Chapter 111, Visible Emissions	No changing attributes.
BLR-5	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	111-BLR-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EMGEN-A	SRIC ENGINES	N/A	117-EMGEN	30 TAC Chapter 117, Subchapter B	No changing attributes.
EMGEN-A	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
FL-1	FLARES	N/A	1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FL-1	FLARES	N/A	1	40 CFR Part 60, Subpart A	No changing attributes.
FL-2	FLARES	N/A	1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FL-3	FLARES	N/A	1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FL-3	FLARES	N/A	1	40 CFR Part 60, Subpart A	No changing attributes.
FL-4	FLARES	N/A	1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FL-4	FLARES	N/A	1	40 CFR Part 60, Subpart A	No changing attributes.
FL-5	FLARES	N/A	1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FL-5	FLARES	N/A	1	40 CFR Part 60, Subpart A	No changing attributes.
FL-6	FLARES	N/A	1	30 TAC Chapter 115, HRVOC Vent Gas	No changing attributes.
FL-7	FLARES	N/A	1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FL-7	FLARES	N/A	1	40 CFR Part 60, Subpart A	No changing attributes.
FUG	FUGITIVE EMISSION UNITS	N/A	J-1	40 CFR Part 61, Subpart J	No changing attributes.
FUG	FUGITIVE EMISSION UNITS	N/A	V-1	40 CFR Part 61, Subpart V	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FUG	FUGITIVE EMISSION UNITS	N/A	63EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
FUG-M	FUGITIVE EMISSION UNITS	N/A	115-1	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
FUG-M	FUGITIVE EMISSION UNITS	N/A	J-1	40 CFR Part 61, Subpart J	No changing attributes.
FUG-M	FUGITIVE EMISSION UNITS	N/A	V-1	40 CFR Part 61, Subpart V	No changing attributes.
GRP-DDDDD	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	BLR-3, BLR-4, BLR-5	1	40 CFR Part 60, Subpart Dc	No changing attributes.
GRP-DDDDD	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	BLR-3, BLR-4, BLR-5	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
GRP-EEEE	STORAGE TANKS/VESSELS	B-502, B-503, B-505, B-506	V-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
GRP-EEEE	STORAGE TANKS/VESSELS	B-502, B-503, B-505, B-506	V-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
GRP-EEEE	STORAGE TANKS/VESSELS	B-502, B-503, B-505, B-506	EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRP-JJJJ	SRIC ENGINES	EMGEN-B, EMGEN-C	117-EMGEN	30 TAC Chapter 117, Subchapter B	No changing attributes.
GRP-JJJJ	SRIC ENGINES	EMGEN-B, EMGEN-C	60JJJJ-01	40 CFR Part 60, Subpart JJJJ	No changing attributes.
GRP-JJJJ	SRIC ENGINES	EMGEN-B, EMGEN-C	63ZZZZ-02	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-VC	INCINERATOR	VC-4, VC-6	117-01	30 TAC Chapter 117,	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
				Subchapter B	
GRPPU01	STORAGE TANKS/VESSELS	B-10, B-11, B-15, B-16, B-18, B-19, B-20, B-202, B-203, B-205, B-207, B-21, B-22, B-23, B-24, B-25, B-26, B-27, B-29, B-30, B-33, B-34, B-6, B-7, B-8, B-9, V-9302	V-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
GRPPU01	STORAGE TANKS/VESSELS	B-10, B-11, B-15, B-16, B-18, B-19, B-20, B-202, B-203, B-205, B-207, B-21, B-22, B-23, B-24, B-25, B-26, B-27, B-29, B-30, B-33, B-34, B-6, B-7, B-8, B-9, V-9302	V-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
GRPPU02	STORAGE TANKS/VESSELS	B-12, B-200, B-31, B-32, B-400, B-401, B-403, B-405, V-9201, V-9204, V-9206	V-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
GRPPU02	STORAGE TANKS/VESSELS	B-12, B-200, B-31, B-32, B-400, B-401, B-403, B-405, V-9201, V-9204, V-9206	V-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Primary Seal = Vapor mounted, Secondary Seal = Rim-mounted
GRPPU02	STORAGE TANKS/VESSELS	B-12, B-200, B-31, B-32, B-400, B-401, B-403, B- 405, V-9201, V-9204, V-9206	V-3	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
GRPPU02	STORAGE TANKS/VESSELS	B-12, B-200, B-31, B-32, B-400, B-401, B-403, B-405, V-9201, V-9204, V-9206	K-1	40 CFR Part 60, Subpart K	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPPU02	STORAGE TANKS/VESSELS	B-12, B-200, B-31, B-32, B-400, B-401, B-403, B-405, V-9201, V-9204, V-9206	61Y-1	40 CFR Part 61, Subpart Y	No changing attributes.
GRPPU02	STORAGE TANKS/VESSELS	B-12, B-200, B-31, B-32, B-400, B-401, B-403, B-405, V-9201, V-9204, V-9206	EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRPPU03	STORAGE TANKS/VESSELS	B-14, V-9202, V-9203, V-9205, V-9217, V-9301, V-9303, V-9304, V-9305, V-9306	V-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Primary Seal = Vapor mounted
GRPPU03	STORAGE TANKS/VESSELS	B-14, V-9202, V-9203, V-9205, V-9217, V-9301, V-9303, V-9304, V-9305, V-9306	V-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
GRPPU03	STORAGE TANKS/VESSELS	B-14, V-9202, V-9203, V-9205, V-9217, V-9301, V-9303, V-9304, V-9305, V-9306	V-3	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Primary Seal = Vapor mounted
GRPPU03	STORAGE TANKS/VESSELS	B-14, V-9202, V-9203, V-9205, V-9217, V-9301, V-9303, V-9304, V-9305, V-9306	K-1	40 CFR Part 60, Subpart K	True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia
GRPPU03	STORAGE TANKS/VESSELS	B-14, V-9202, V-9203, V-9205, V-9217, V-9301, V-9303, V-9304, V-9305, V-9306	K-3	40 CFR Part 60, Subpart K	Estimated True Vapor Pressure = Estimated true vapor pressure is greater than 1.0 psia, Maximum True Vapor Pressure = Maximum true vapor pressure is greater than 1.0 psia, True Vapor Pressure = True vapor pressure is less than 1.5 psia

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPPU03	STORAGE TANKS/VESSELS	B-14, V-9202, V-9203, V-9205, V-9217, V-9301, V-9303, V-9304, V-9305, V-9306	61Y-1	40 CFR Part 61, Subpart Y	No changing attributes.
GRPPU03	STORAGE TANKS/VESSELS	B-14, V-9202, V-9203, V-9205, V-9217, V-9301, V-9303, V-9304, V-9305, V-9306	EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRPPU04	STORAGE TANKS/VESSELS	B-206, B-208, B-209, B-215, B-301, B-302, B-303, B-306, B-307, B-35, V-9223	V-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
GRPPU04	STORAGE TANKS/VESSELS	B-206, B-208, B-209, B-215, B-301, B-302, B-303, B-306, B-307, B-35, V-9223	V-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
GRPPU05	STORAGE TANKS/VESSELS	B-17, V-9401, V-9402, V-9403, V-9701	V-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Primary Seal = Primary seal not determined since 30 TAC §§ 115.117(a)(6), 115.117(a)(7), 115.117(b)(6), or 115.117(b)(7) exemptions are not utilized, Construction Date = Date not determined since 30 TAC § 115.117(c)(3) exemption is not utilized
GRPPU05	STORAGE TANKS/VESSELS	B-17, V-9401, V-9402, V-9403, V-9701	V-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
GRPPU05	STORAGE TANKS/VESSELS	B-17, V-9401, V-9402, V-9403, V-9701	V-3	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPPU05	STORAGE TANKS/VESSELS	B-17, V-9401, V-9402, V-9403, V-9701	KA-1	40 CFR Part 60, Subpart Ka	No changing attributes.
GRPPU05	STORAGE TANKS/VESSELS	B-17, V-9401, V-9402, V-9403, V-9701	61Y-1	40 CFR Part 61, Subpart Y	No changing attributes.
GRPPU05	STORAGE TANKS/VESSELS	B-17, V-9401, V-9402, V-9403, V-9701	EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRPPU06	STORAGE TANKS/VESSELS	B-204, B-210, B-211, B-214, B-300, B-304, B-305, B-402, B-404, B-406, B-407, B-408, B-409, B-410, B-411, B-500, B-501, B-504, B-507	V-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
GRPPU06	STORAGE TANKS/VESSELS	B-204, B-210, B-211, B-214, B-300, B-304, B-305, B-402, B-404, B-406, B-407, B-408, B-409, B-410, B-411, B-500, B-501, B-504, B-507	V-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
GRPPU06	STORAGE TANKS/VESSELS	B-204, B-210, B-211, B-214, B-300, B-304, B-305, B-402, B-404, B-406, B-407, B-408, B-409, B-410, B-411, B-500, B-501, B-504, B-507	V-3	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
GRPPU06	STORAGE TANKS/VESSELS	B-204, B-210, B-211, B-214, B-300, B-304, B-305, B-402, B-404, B-406, B-407, B-408, B-409, B-410, B-411,	KA-1	40 CFR Part 60, Subpart Ka	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		B-500, B-501, B-504, B-507			
GRPPU06	STORAGE TANKS/VESSELS	B-204, B-210, B-211, B-214, B-300, B-304, B-305, B-402, B-404, B-406, B-407, B-408, B-409, B-410, B-411, B-500, B-501, B-504, B-507	61Y-1	40 CFR Part 61, Subpart Y	No changing attributes.
GRPPU06	STORAGE TANKS/VESSELS	B-204, B-210, B-211, B-214, B-300, B-304, B-305, B-402, B-404, B-406, B-407, B-408, B-409, B-410, B-411, B-500, B-501, B-504, B-507	EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRPPU07	STORAGE TANKS/VESSELS	25-1, 25-2, 25-3, 5-2, 50- 1, B-1, B-13, B-2, B-201, B-212, B-213, B-219, B-221, B-222, B-223, B-224, B-225, B-226, B-308, B-309, B-311, B-313, B-314, B-315, B-316, B-317, B-36, B-37, B-38, B-39, B-40, B-41, B-412, B-414, B-415, B-600, B-702, B-707F, B-810, B-811, B-814, B-815, B-819, B-9408, V-1422, V-9207, V-9225	V-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
GRPPU07	STORAGE TANKS/VESSELS	25-1, 25-2, 25-3, 5-2, 50- 1, B-1, B-13, B-2, B-201,	V-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to



### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		B-212, B-213, B-219, B-221, B-222, B-223, B-224, B-225, B-226, B-308, B-309, B-311, B-313, B-314, B-315, B-316, B-317, B-36, B-37, B-38, B-39, B-40, B-41, B-412, B-414, B-415, B-600, B-702, B-707F, B-810, B-811, B-814, B-815, B-819, B-9408, V-1422, V-9207, V-9225			1.0 psia but less than 1.5 psia
GRPPU07	STORAGE TANKS/VESSELS	25-1, 25-2, 25-3, 5-2, 50- 1, B-1, B-13, B-2, B-201, B-212, B-213, B-219, B-221, B-222, B-223, B-224, B-225, B-226, B-308, B-309, B-311, B-313, B-314, B-315, B-316, B-317, B-36, B-37, B-38, B-39, B-40, B-41, B-412, B-414, B-415, B-600, B-702, B-707F, B-810, B-811, B-814, B-815, B-819, B-9408, V-1422, V-9207, V-9225	Kb-2	40 CFR Part 60, Subpart Kb	No changing attributes.
GRPPU07	STORAGE TANKS/VESSELS	25-1, 25-2, 25-3, 5-2, 50- 1, B-1, B-13, B-2, B-201, B-212, B-213, B-219, B-221, B-222, B-223, B-224, B-225, B-226, B-308, B-309, B-311,	EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		B-313, B-314, B-315, B-316, B-317, B-36, B-37, B-38, B-39, B-40, B-41, B-412, B-414, B-415, B-600, B-702, B-707F, B-810, B-811, B-814, B-815, B-819, B-9408, V-1422, V-9207, V-9225			
GRPPU07C	STORAGE TANKS/VESSELS	V-9602, V-9603, V-9604	A1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
GRPPU07C	STORAGE TANKS/VESSELS	V-9602, V-9603, V-9604	A2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
GRPPU07C	STORAGE TANKS/VESSELS	V-9602, V-9603, V-9604	A3	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
GRPPU07C	STORAGE TANKS/VESSELS	V-9602, V-9603, V-9604	61-Y3	40 CFR Part 61, Subpart Y	No changing attributes.
GRPPU07C	STORAGE TANKS/VESSELS	V-9602, V-9603, V-9604	EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRPPU08	STORAGE TANKS/VESSELS	B-216, B-220, B-413, B-802, B-803, B-804, B-805, B-806, B-807, B-808, B-809, V-1516	V-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
GRPPU08	STORAGE TANKS/VESSELS	B-216, B-220, B-413, B-802, B-803, B-804, B-805, B-806, B-807, B-808, B-809, V-1516	V-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
GRPPU08	STORAGE TANKS/VESSELS	B-216, B-220, B-413, B-802, B-803, B-804,	V-3	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		B-805, B-806, B-807, B-808, B-809, V-1516			1.0 psia but less than 1.5 psia
GRPPU08	STORAGE TANKS/VESSELS	B-216, B-220, B-413, B-802, B-803, B-804, B-805, B-806, B-807, B-808, B-809, V-1516	Kb-2	40 CFR Part 60, Subpart Kb	Product Stored = Petroleum liquid (other than petroleum or condensate), Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia
GRPPU08	STORAGE TANKS/VESSELS	B-216, B-220, B-413, B-802, B-803, B-804, B-805, B-806, B-807, B-808, B-809, V-1516	Kb-3	40 CFR Part 60, Subpart Kb	Product Stored = Petroleum liquid (other than petroleum or condensate), Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia
GRPPU08	STORAGE TANKS/VESSELS	B-216, B-220, B-413, B-802, B-803, B-804, B-805, B-806, B-807, B-808, B-809, V-1516	Kb-5	40 CFR Part 60, Subpart Kb	Product Stored = Volatile organic liquid, Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia
GRPPU08	STORAGE TANKS/VESSELS	B-216, B-220, B-413, B-802, B-803, B-804, B-805, B-806, B-807, B-808, B-809, V-1516	Kb-6	40 CFR Part 60, Subpart Kb	Product Stored = Volatile organic liquid, Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia
GRPPU08	STORAGE TANKS/VESSELS	B-216, B-220, B-413, B-802, B-803, B-804, B-805, B-806, B-807, B-808, B-809, V-1516	61Y-1	40 CFR Part 61, Subpart Y	No changing attributes.
GRPPU08	STORAGE TANKS/VESSELS	B-216, B-220, B-413, B-802, B-803, B-804, B-805, B-806, B-807, B-808, B-809, V-1516	EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPPU08A	STORAGE TANKS/VESSELS	100-1, 100-2, 100-3, 100-4, 100-5, 100-6, 100-7, 100-8, 120-7, 120-8, 5-1, B-217, B- 218, B-28, B-3, B-310, B-4, B-42, B-43, B-5, B-701, B-703, B-704, B-705, B-706, B-708F, B-709, B-710, B-711, B-712, B-800, B-801, B-812, B-813, B-816, B-817, B-818, B-9404, B-9405, B-9406, V-9227, V-9266, V-9307, V-9308, V-9407, V-9409, V-9410	V-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Primary Seal = Mechanical shoe, Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized, Construction Date = Date not determined since 30 TAC § 115.117(c)(3) exemption is not utilized
GRPPU08A	STORAGE TANKS/VESSELS	100-1, 100-2, 100-3, 100-4, 100-5, 100-6, 100-7, 100-8, 120-7, 120-8, 5-1, B-217, B- 218, B-28, B-3, B-310, B-4, B-42, B-43, B-5, B-701, B-703, B-704, B-705, B-706, B-708F, B-709, B-710, B-711, B-712, B-800, B-801, B-812, B-813, B-816, B-817, B-818, B-9404, B-9405, B-9406, V-9227, V-9266, V-9307, V-9308, V-9407, V-9409, V-9410	V-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
GRPPU08A	STORAGE TANKS/VESSELS	100-1, 100-2, 100-3, 100-4, 100-5, 100-6, 100-7, 100-8, 120-7, 120-8, 5-1, B-217, B-	V-3	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		218, B-28, B-3, B-310, B-4, B-42, B-43, B-5, B-701, B-703, B-704, B-705, B-706, B-708F, B-709, B-710, B-711, B-712, B-800, B-801, B-812, B-813, B-816, B-817, B-818, B-9404, B-9405, B-9406, V-9227, V-9266, V-9307, V-9308, V-9407, V-9409, V-9410			
GRPPU08A	STORAGE TANKS/VESSELS	100-1, 100-2, 100-3, 100-4, 100-5, 100-6, 100-7, 100-8, 120-7, 120-8, 5-1, B-217, B- 218, B-28, B-3, B-310, B-4, B-42, B-43, B-5, B-701, B-703, B-704, B-705, B-706, B-708F, B-709, B-710, B-711, B-712, B-800, B-801, B-812, B-813, B-816, B-817, B-818, B-9404, B-9405, B-9406, V-9227, V-9266, V-9307, V-9308, V-9407, V-9409, V-9410	Kb-2	40 CFR Part 60, Subpart Kb	Product Stored = Petroleum liquid (other than petroleum or condensate), Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia
GRPPU08A	STORAGE TANKS/VESSELS	100-1, 100-2, 100-3, 100-4, 100-5, 100-6, 100-7, 100-8, 120-7, 120-8, 5-1, B-217, B- 218, B-28, B-3, B-310, B-4, B-42, B-43, B-5, B-701, B-703, B-704, B-705, B-706, B-708F,	Kb-3	40 CFR Part 60, Subpart Kb	Product Stored = Petroleum liquid (other than petroleum or condensate), Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		B-709, B-710, B-711, B-712, B-800, B-801, B-812, B-813, B-816, B-817, B-818, B-9404, B-9405, B-9406, V-9227, V-9266, V-9307, V-9308, V-9407, V-9409, V-9410			
GRPPU08A	STORAGE TANKS/VESSELS	100-1, 100-2, 100-3, 100-4, 100-5, 100-6, 100-7, 100-8, 120-7, 120-8, 5-1, B-217, B- 218, B-28, B-3, B-310, B-4, B-42, B-43, B-5, B-701, B-703, B-704, B-705, B-706, B-708F, B-709, B-710, B-711, B-712, B-800, B-801, B-812, B-813, B-816, B-817, B-818, B-9404, B-9405, B-9406, V-9227, V-9266, V-9307, V-9308, V-9407, V-9409, V-9410	Kb-5	40 CFR Part 60, Subpart Kb	Product Stored = Volatile organic liquid, Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia
GRPPU08A	STORAGE TANKS/VESSELS	100-1, 100-2, 100-3, 100-4, 100-5, 100-6, 100-7, 100-8, 120-7, 120-8, 5-1, B-217, B- 218, B-28, B-3, B-310, B-4, B-42, B-43, B-5, B-701, B-703, B-704, B-705, B-706, B-708F, B-709, B-710, B-711, B-712, B-800, B-801, B-812, B-813, B-816, B-817, B-818, B-9404,	Kb-6	40 CFR Part 60, Subpart Kb	Product Stored = Volatile organic liquid, Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		B-9405, B-9406, V-9227, V-9266, V-9307, V-9308, V-9407, V-9409, V-9410			
GRPPU08A	STORAGE TANKS/VESSELS	100-1, 100-2, 100-3, 100-4, 100-5, 100-6, 100-7, 100-8, 120-7, 120-8, 5-1, B-217, B- 218, B-28, B-3, B-310, B-4, B-42, B-43, B-5, B-701, B-703, B-704, B-705, B-706, B-708F, B-709, B-710, B-711, B-712, B-800, B-801, B-812, B-813, B-816, B-817, B-818, B-9404, B-9405, B-9406, V-9227, V-9266, V-9307, V-9308, V-9407, V-9409, V-9410	EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRPPU09	LOADING/UNLOADING OPERATIONS	LR-1, LR-2, LR-3, LR-4, LR-5, SRT-1, SRT-2, SRT-3, SRT-4, SRT-5	V-1	30 TAC Chapter 115, Loading and Unloading of VOC	True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia., Chapter 115 Control Device Type = Vapor control system with a flare; or a vapor combustor considered to be a flare, Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
GRPPU09	LOADING/UNLOADING OPERATIONS	LR-1, LR-2, LR-3, LR-4, LR-5, SRT-1, SRT-2, SRT-3, SRT-4, SRT-5	V-2	30 TAC Chapter 115, Loading and Unloading of VOC	True Vapor Pressure = True vapor pressure less than 0.5 psia.
GRPPU09	LOADING/UNLOADING OPERATIONS	LR-1, LR-2, LR-3, LR-4, LR-5, SRT-1, SRT-2,	V-3	30 TAC Chapter 115, Loading and Unloading of	True Vapor Pressure = True vapor pressure greater than or equal to

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		SRT-3, SRT-4, SRT-5		VOC	0.5 psia., Chapter 115 Control Device Type = Vapor control system with a flare; or a vapor combustor considered to be a flare, Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
GRPPU09	LOADING/UNLOADING OPERATIONS	LR-1, LR-2, LR-3, LR-4, LR-5, SRT-1, SRT-2, SRT-3, SRT-4, SRT-5	BB-1	40 CFR Part 61, Subpart BB	Control Device = FL-1.
GRPPU09	LOADING/UNLOADING OPERATIONS	LR-1, LR-2, LR-3, LR-4, LR-5, SRT-1, SRT-2, SRT-3, SRT-4, SRT-5	BB-2	40 CFR Part 61, Subpart BB	Control Device = FL-2.
GRPPU09	LOADING/UNLOADING OPERATIONS	LR-1, LR-2, LR-3, LR-4, LR-5, SRT-1, SRT-2, SRT-3, SRT-4, SRT-5	EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
GRPPU10	LOADING/UNLOADING OPERATIONS	BG-1, MT-1, MT-2	V-1-loading	30 TAC Chapter 115, Loading and Unloading of VOC	Marine Terminal Exemptions = The marine terminal is not claiming one or more of the loading exemptions in 30 TAC § 115.217(a)(5)(B)., True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia., Transfer Type = Only loading.
GRPPU10	LOADING/UNLOADING OPERATIONS	BG-1, MT-1, MT-2	V-1-unloading	30 TAC Chapter 115, Loading and Unloading of VOC	Marine Terminal Exemptions = The marine terminal is not claiming one or more of the loading exemptions in 30 TAC § 115.217(a)(5)(B)., True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia., Transfer Type = Only



### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					unloading.
GRPPU10	LOADING/UNLOADING OPERATIONS	BG-1, MT-1, MT-2	V-2-loading	30 TAC Chapter 115, Loading and Unloading of VOC	Marine Terminal Exemptions = The marine terminal is claiming one or more of the loading exemptions in 30 TAC § 115.217(a)(5)(B)., True Vapor Pressure = True vapor pressure less than 0.5 psia., VOC Flash Point = Flash point greater than or equal to 150° F., Transfer Type = Only loading.
GRPPU10	LOADING/UNLOADING OPERATIONS	BG-1, MT-1, MT-2	V-2-unloading	30 TAC Chapter 115, Loading and Unloading of VOC	Marine Terminal Exemptions = The marine terminal is claiming one or more of the loading exemptions in 30 TAC § 115.217(a)(5)(B)., True Vapor Pressure = True vapor pressure less than 0.5 psia., VOC Flash Point = Flash point greater than or equal to 150° F., Transfer Type = Only unloading.
GRPPU10	LOADING/UNLOADING OPERATIONS	BG-1, MT-1, MT-2	V-3-loading	30 TAC Chapter 115, Loading and Unloading of VOC	Marine Terminal Exemptions = The marine terminal is not claiming one or more of the loading exemptions in 30 TAC § 115.217(a)(5)(B)., True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia., Uncontrolled VOC Emissions = Uncontrolled VOC emissions are greater than or equal to 100 tpy., VOC Flash Point = Flash point less than 150° F., Transfer Type = Only loading.
GRPPU10	LOADING/UNLOADING OPERATIONS	BG-1, MT-1, MT-2	V-3-unloading	30 TAC Chapter 115, Loading and Unloading of	Marine Terminal Exemptions = The marine terminal is not claiming one

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
				VOC	or more of the loading exemptions in 30 TAC § 115.217(a)(5)(B)., True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia., Uncontrolled VOC Emissions = Uncontrolled VOC emissions are greater than or equal to 100 tpy., VOC Flash Point = Flash point less than 150° F., Transfer Type = Only unloading.
GRPPU10	LOADING/UNLOADING OPERATIONS	BG-1, MT-1, MT-2	61BB-1	40 CFR Part 61, Subpart BB	Control Device = FL-4.
GRPPU10	LOADING/UNLOADING OPERATIONS	BG-1, MT-1, MT-2	61BB-2	40 CFR Part 61, Subpart BB	Control Device = FL-5.
GRPPU10	LOADING/UNLOADING OPERATIONS	BG-1, MT-1, MT-2	63Y-1	40 CFR Part 63, Subpart Y	No changing attributes.
GRPPU10A	LOADING/UNLOADING OPERATIONS	1, 2	V-2-loading	30 TAC Chapter 115, Loading and Unloading of VOC	True Vapor Pressure = True vapor pressure less than 0.5 psia., Transfer Type = Only loading.
GRPPU10A	LOADING/UNLOADING OPERATIONS	1, 2	V-2-unloading	30 TAC Chapter 115, Loading and Unloading of VOC	True Vapor Pressure = True vapor pressure less than 0.5 psia., Transfer Type = Only unloading.
GRPPU10A	LOADING/UNLOADING OPERATIONS	1, 2	V-4-loading	30 TAC Chapter 115, Loading and Unloading of VOC	Marine Terminal Exemptions = The marine terminal is not claiming one or more of the loading exemptions in 30 TAC § 115.217(a)(5)(B)., True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia., Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(B), (b)(3)(B), (a)(2)(A), and (b)(3)(A) exemptions

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					do not apply to marine terminals or gasoline terminals., Chapter 115 Control Device Type = Vapor control system with a vapor combustor that is not considered to be a flare, Uncontrolled VOC Emissions = Uncontrolled VOC emissions are greater than or equal to 100 tpy., VOC Flash Point = Flash point less than 150° F., Transfer Type = Only loading., Control Options = Vapor control system that maintains a control efficiency of at least 90%., Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
GRPPU10A	LOADING/UNLOADING OPERATIONS	1, 2	V-4-unloading	30 TAC Chapter 115, Loading and Unloading of VOC	Marine Terminal Exemptions = The marine terminal is not claiming one or more of the loading exemptions in 30 TAC § 115.217(a)(5)(B)., True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia., Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(B), (b)(3)(B), (a)(2)(A), and (b)(3)(A) exemptions do not apply to marine terminals or gasoline terminals., Chapter 115 Control Device Type = Vapor control system with a vapor combustor that is not considered to be a flare, Uncontrolled VOC Emissions = Uncontrolled VOC emissions are

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					greater than or equal to 100 tpy., VOC Flash Point = Flash point less than 150° F., Transfer Type = Only unloading., Control Options = Vapor control system that maintains a control efficiency of at least 90%., Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.
GRPPU10A	LOADING/UNLOADING OPERATIONS	1, 2	61BB-3	40 CFR Part 61, Subpart BB	No changing attributes.
GRPPU10A	LOADING/UNLOADING OPERATIONS	1, 2	63Y-1	40 CFR Part 63, Subpart Y	No changing attributes.
P-501	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	111-EPUMP	30 TAC Chapter 111, Visible Emissions	No changing attributes.
P-501	SRIC ENGINES	N/A	117-EPUMP	30 TAC Chapter 117, Subchapter B	No changing attributes.
P-505	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	111-EPUMP	30 TAC Chapter 111, Visible Emissions	No changing attributes.
P-505	SRIC ENGINES	N/A	117-EPUMP	30 TAC Chapter 117, Subchapter B	No changing attributes.
P-705	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	111-EPUMP	30 TAC Chapter 111, Visible Emissions	No changing attributes.
P-705	SRIC ENGINES	N/A	117-EPUMP	30 TAC Chapter 117, Subchapter B	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
VO-1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	111-VO-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
VO-1	INCINERATOR	N/A	117-VO-1	30 TAC Chapter 117, Subchapter B	No changing attributes.

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
14	EU	V-2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
14	EU	V-5	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(A) § 115.212(a)(2) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors from loading VOC with a true vapor pressure of 0.5 psia or greater must be controlled by one of the methods specified in § 115.212(a)(1)(A)-(C).	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9) § 115.216(1) § 115.216(1)(A) § 115.216(1)(A)(i)	§ 115.216 § 115.216(1) § 115.216(1)(A) § 115.216(1)(A)(i) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
14	EU	BB-3	Benzene	40 CFR Part 61, Subpart BB	[G]§ 61.302(a) § 61.302(b) § 61.302(f) § 61.302(g) § 61.302(h) § 61.302(i) § 61.302(k) § 61.303(e)	Equip each loading rack with vapor collection system to collect all displaced benzene vapors and prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2)	§ 61.302(k) § 61.304(a)(1) § 61.304(a)(2) § 61.304(a)(4) § 61.304(a)(4)(i) § 61.304(a)(4)(ii) § 61.304(a)(4)(iii) § 61.304(a)(4)(iv) § 61.304(a)(5) § 61.304(a)(6) § 61.304(a)(7) § 61.304(c)(1) § 61.304(c)(2) § 61.304(c)(3) § 61.304(c)(4) § 61.304(e)	§ 61.304(a)(4)(i) § 61.304(c)(3) § 61.305(a) § 61.305(b)	§ 61.305(a) § 61.305(a)(5) § 61.305(b) § 61.305(f) § 61.305(f)(1)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
14	EU	EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
BLR-3	EP	111-BLR-3	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
BLR-4	EP	111-BLR-4	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
BLR-5	EP	111-BLR-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
EMGEN-A	EU	117-EMGEN	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D)	Units exempted from the provisions of this division, except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1), and	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(6)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						117.354(a)(5), include stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.			
EMGEN-A	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
FL-1	EU	1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
FL-1	CD	1	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(5) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(6)	None	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FL-2	EU	1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
FL-3	EU	1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
FL-3	CD	1	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(5) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(6)	None	None
FL-4	EU	1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
FL-4	CD	1	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(5) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(6)	None	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FL-5	EU	1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
FL-5	CD	1	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(5) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(6)	None	None
FL-6	EU	1	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.722(d) § 115.722(d)(1) § 115.722(d)(2) [G]§ 115.725(d)(1) § 115.725(d)(2) § 115.725(d)(2)(A)(i) [G]§ 115.725(d)(2)(A)(ii) § 115.725(d)(2)(A)(iii) § 115.725(d)(2)(A)(iv) § 115.725(d)(2)(B) § 115.725(d)(2)(B)(i) § 115.725(d)(2)(B)(ii) § 115.725(d)(2)(B)(iii) § 115.725(d)(2)(B)(iv) [G]§ 115.725(l) § 115.725(m)(2)(A) § 115.725(m)(2)(B) § 115.725(m)(3) [G]§ 115.726(a)(2)	All flares must continuously meet the requirements of 40 CFR § 60.18(c)(2)-(6) and (d) as amended through October 17, 2000 (65 FR 61744) when vent gas containing HRVOC is being routed to the flare.	[G]§ 115.725(d)(1) § 115.725(d)(2) § 115.725(d)(2)(A)(i) [G]§ 115.725(d)(2)(A)(ii) § 115.725(d)(2)(A)(iii) § 115.725(d)(2)(A)(iv) § 115.725(d)(2)(B) § 115.725(d)(2)(B)(i) § 115.725(d)(2)(B)(ii) § 115.725(d)(2)(B)(iii) § 115.725(d)(2)(B)(iv) § 115.725(d)(3) § 115.725(d)(4) § 115.725(d)(5) § 115.725(d)(6) § 115.725(d)(7) § 115.725(g)(1) [G]§ 115.725(l) § 115.725(m)(1) § 115.725(m)(2)(A) § 115.725(m)(2)(B) § 115.725(m)(3) § 115.725(n)	§ 115.726(a)(1) § 115.726(a)(1)(A) § 115.726(d)(1) § 115.726(d)(2) § 115.726(d)(3) § 115.726(d)(4) § 115.726(d)(7)(A) § 115.726(d)(7)(B) § 115.726(d)(7)(C) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2)	§ 115.725(n) § 115.726(a)(1)(B) [G]§ 115.726(a)(2)
FL-7	EU	1	Opacity	30 TAC	§ 111.111(a)(4)(A)	Visible emissions from a	§ 111.111(a)(4)(A)(i)	§ 111.111(a)(4)(A)(ii)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Chapter 111, Visible Emissions		process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(iii)		
FL-7	CD	1	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(iii) § 60.18(c)(5) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(6)	None	None
FUG	EU	J-1	Benzene	40 CFR Part 61, Subpart J	§ 61.112(a) § 61.112(b)	Each owner or operator subject to this subpart shall comply with the requirements of 40 CFR 61, Subpart V - National Emission Standard for Equipment Leaks (Fugitive Emission Sources).	None	None	None
FUG	EU	V-1	VHAP	40 CFR Part 61, Subpart V	[G]§ 61.242-8 § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10	Comply with standards for pressure relief devices in liquid service. § 61.242-8(a)-(d)	[G]§ 61.242-8 [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d)	[G]§ 61.246(a) [G]§ 61.246(b) [G]§ 61.246(c) [G]§ 61.246(e) [G]§ 61.246(i) § 61.246(j)	[G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e)
FUG	EU	V-1	VHAP	40 CFR Part 61, Subpart V	[G]§ 61.242-5 § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10	Comply with standards for sampling connection systems. §61.242-5(a)-(c)	[G]§ 61.245(d)	[G]§ 61.246(a) [G]§ 61.246(e) [G]§ 61.246(i) § 61.246(j)	[G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e)
FUG	EU	V-1	VHAP	40 CFR Part 61, Subpart V	[G]§ 61.242-2 § 61.242-1(a) § 61.242-1(b) § 61.242-1(d)	Comply with standards for pumps. §61.242-2(a)-(g)	[G]§ 61.242-2 [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d)	[G]§ 61.246(a) [G]§ 61.246(b) [G]§ 61.246(c) [G]§ 61.246(e)	[G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 61.242-10			[G]§ 61.246(h) [G]§ 61.246(i) § 61.246(j)	
FUG	EU	V-1	VHAP	40 CFR Part 61, Subpart V	§ 61.242-1(e)	Equipment that is in vacuum service is excluded from the requirements of §61.242-2 to §61.242-11, if it is identified as required in §61.246(e)(5).	None	[G]§ 61.246(e)	None
FUG	EU	V-1	VHAP	40 CFR Part 61, Subpart V	[G]§ 61.242-7 § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10 [G]§ 61.243-1 [G]§ 61.243-2	Comply with standards for valves. §61.242-7(a)-(h)	[G]§ 61.242-7 [G]§ 61.243-1 [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d)	[G]§ 61.246(a) [G]§ 61.246(b) [G]§ 61.246(c) [G]§ 61.246(e) [G]§ 61.246(f) [G]§ 61.246(g) [G]§ 61.246(i) § 61.246(j)	[G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) § 61.247(d) [G]§ 61.247(e)
FUG	EU	V-1	VHAP	40 CFR Part 61, Subpart V	§ 61.242-11(c) § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) § 61.242-11(e) § 61.242-11(m)	Design/operate enclosed combustion devices to reduce VHAP emissions vented to them with an efficiency of 95% or greater, or provide a minimum residence time of 0.50 seconds at a minimum temperature of 760 C (1400 °F).	[G]§ 61.245(d)	[G]§ 61.246(a) [G]§ 61.246(d) [G]§ 61.246(e) [G]§ 61.246(i) § 61.246(j)	[G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e)
FUG	EU	V-1	VHAP	40 CFR Part 61, Subpart V	[G]§ 61.242-8 § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10 **See Alternative Requirement	Comply with standards for flanges and other connectors. § 61.242-8(a)-(d)	[G]§ 61.242-8 [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d)	[G]§ 61.246(a) [G]§ 61.246(b) [G]§ 61.246(c) [G]§ 61.246(e) [G]§ 61.246(i) § 61.246(j)	[G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e)
FUG	EU	63EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the	The permit holder shall comply with the applicable requirements of 40 CFR	The permit holder shall comply with the applicable monitoring	The permit holder shall comply with the applicable	The permit holder shall comply with the applicable reporting

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	Part 63, Subpart EEEE	and testing requirements of 40 CFR Part 63, Subpart EEEE	recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	requirements of 40 CFR Part 63, Subpart EEEE
FUG-M	EU	115-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
FUG-M	EU	J-1	Benzene	40 CFR Part 61, Subpart J	§ 61.112(a) § 61.112(b)	Each owner or operator subject to this subpart shall comply with the requirements of 40 CFR 61, Subpart V - National Emission Standard for Equipment Leaks (Fugitive Emission Sources).	None	None	None
FUG-M	EU	V-1	VHAP	40 CFR Part 61, Subpart V	[G]§ 61.242-8 § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10	Comply with standards for pressure relief devices in liquid service. § 61.242-8(a)-(d)	[G]§ 61.242-8 [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d)	[G]§ 61.246(a) [G]§ 61.246(b) [G]§ 61.246(c) [G]§ 61.246(e) [G]§ 61.246(i) § 61.246(j)	[G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e)
FUG-M	EU	V-1	VHAP	40 CFR Part 61, Subpart V	[G]§ 61.242-2 § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10	Comply with standards for pumps. §61.242-2(a)-(g)	[G]§ 61.242-2 [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d)	[G]§ 61.246(a) [G]§ 61.246(b) [G]§ 61.246(c) [G]§ 61.246(e) [G]§ 61.246(h)	[G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								[G]§ 61.246(i) § 61.246(j)	
FUG-M	EU	V-1	VHAP	40 CFR Part 61, Subpart V	[G]§ 61.242-8 § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10	Comply with standards for flanges and other connectors. § 61.242-8(a)-(d)	[G]§ 61.242-8 [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d)	[G]§ 61.246(a) [G]§ 61.246(b) [G]§ 61.246(c) [G]§ 61.246(e) [G]§ 61.246(i) § 61.246(j)	[G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e)
FUG-M	EU	V-1	VHAP	40 CFR Part 61, Subpart V	[G]§ 61.242-5 § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10	Comply with standards for sampling connection systems. §61.242-5(a)-(c)	[G]§ 61.245(d)	[G]§ 61.246(a) [G]§ 61.246(e) [G]§ 61.246(i) § 61.246(j)	[G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e)
FUG-M	EU	V-1	VHAP	40 CFR Part 61, Subpart V	[G]§ 61.242-7 § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10 [G]§ 61.243-1 [G]§ 61.243-2	Comply with standards for valves. §61.242-7(a)-(h)	[G]§ 61.242-7 [G]§ 61.243-1 [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d)	[G]§ 61.246(a) [G]§ 61.246(b) [G]§ 61.246(c) [G]§ 61.246(e) [G]§ 61.246(f) [G]§ 61.246(g) [G]§ 61.246(i) § 61.246(j)	[G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) § 61.247(d) [G]§ 61.247(e)
FUG-M	EU	V-1	VHAP	40 CFR Part 61, Subpart V	§ 61.242-1(e)	Equipment that is in vacuum service is excluded from the requirements of §61.242-2 to §61.242-11, if it is identified as required in §61.246(e)(5).	None	[G]§ 61.246(e)	None
FUG-M	EU	V-1	VHAP	40 CFR Part 61, Subpart V	[G]§ 61.242-4 § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10	Comply with standards for pressure relief devices in gas/vapor service. §61.242-4(a)-(c)	[G]§ 61.242-4 [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d)	[G]§ 61.246(a) [G]§ 61.246(e) [G]§ 61.246(i) § 61.246(j)	[G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e)
GRP-DDDDD	EU	1	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)

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						heat input capacity of 2.9-29 megawatts (MW).			
GRP-DDDDD	EU	1	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
GRP-DDDDD	EU	1	SO <sub>2</sub>	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
GRP-DDDDD	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
GRP-EEEE	EU	V-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-EEEE	EU	V-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRP-EEEE	EU	EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
GRP-JJJJ	EU	117-EMGEN	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D)	Units exempted from the provisions of this division, except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1), and 117.354(a)(5), include stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(6)	None
GRP-JJJJ	EU	60JJJJ-01	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after	§ 60.4237(a)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4246	01/01/2009 must comply with a CO emission limit of 4.0 g/HP-hr, as listed in Table 1 to this subpart.			
GRP-JJJJ	EU	60JJJJ-01	NO <sub>x</sub>	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g) § 60.4246	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after 01/01/2009 must comply with a NO <sub>x</sub> emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(a)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)
GRP-JJJJ	EU	60JJJJ-01	VOC	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g) § 60.4246	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 130 HP and were manufactured on or after 01/01/2009 must comply with a VOC emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(a)	§ 60.4243(a)(1) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)
GRP-JJJJ	EU	63ZZZZ-02	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
GRP-VC	EU	117-01	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B)	CO emissions must not exceed 400 ppmv at 3.0% O <sub>2</sub> , dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b)	§ 117.345(a) § 117.345(f) § 117.345(f)(1)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(f)(9)	[G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
GRP-VC	EU	117-01	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) [G]§ 117.310(a)(16) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO <sub>x</sub> emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
GRPPU01	EU	V-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
GRPPU01	EU	V-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPPU02	EU	V-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B)
GRPPU02	EU	V-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPPU02	EU	V-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
GRPPU02	EU	K-1	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None
GRPPU02	EU	61Y-1	Benzene	40 CFR Part 61, Subpart Y	§ 61.271(a) § 61.271(a)(1) § 61.271(a)(2) § 61.271(a)(2)(ii) § 61.271(a)(3) § 61.271(a)(4) [G]§ 61.271(a)(5) § 61.271(a)(6) [G]§ 61.271(d) § 61.272(a)(3)(ii)	The owner or operator of each storage vessel with a design storage capacity greater than or equal to 38 cubic meters (10,000 gal.) shall equip the vessel with a fixed roof and an internal floating roof.	§ 61.272(a)(1) § 61.272(a)(2) § 61.272(a)(3) § 61.272(a)(3)(ii) [G]§ 61.272(a)(4)	§ 61.276(a) § 61.276(b)	§ 61.272(a)(2) § 61.272(a)(3)(i) § 61.274(a) [G]§ 61.275(a) [G]§ 61.275(b) § 61.275(c)
GRPPU02	EU	EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
GRPPU03	EU	V-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
GRPPU03	EU	V-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPPU03	EU	V-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPPU03	EU	K-1	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None
GRPPU03	EU	K-3	VOC	40 CFR Part 60, Subpart K	§ 60.110(c) § 60.110(c)(2)	Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject to the requirements of this section.	§ 60.113(a) § 60.113(b)	§ 60.113(a)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPPU03	EU	61Y-1	Benzene	40 CFR Part 61, Subpart Y	§ 61.271(a) § 61.271(a)(1) § 61.271(a)(2) § 61.271(a)(2)(iii) § 61.271(a)(3) § 61.271(a)(4) [G]§ 61.271(a)(5) § 61.271(a)(6) [G]§ 61.271(d) § 61.272(a)(3)(ii)	The owner or operator of each storage vessel with a design storage capacity greater than or equal to 38 cubic meters (10,000 gal.) shall equip the vessel with a fixed roof and an internal floating roof.	§ 61.272(a)(1) § 61.272(a)(2) § 61.272(a)(3) § 61.272(a)(3)(ii)	§ 61.276(a) § 61.276(b)	§ 61.272(a)(2) § 61.272(a)(3)(i) § 61.274(a) [G]§ 61.275(a) [G]§ 61.275(b) § 61.275(c)
GRPPU03	EU	EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
GRPPU04	EU	V-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPPU04	EU	V-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPPU05	EU	V-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
GRPPU05	EU	V-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPPU05	EU	V-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPPU05	EU	KA-1	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(2)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall have a fixed roof and an internal floating cover with the specified closure device and vents.	§ 60.115a(a) § 60.115a(b) ** See Periodic Monitoring Summary	§ 60.115a(a)	None
GRPPU05	EU	61Y-1	Benzene	40 CFR Part 61, Subpart Y	§ 61.271(a) § 61.271(a)(1) § 61.271(a)(2) § 61.271(a)(2)(iii) § 61.271(a)(3)	The owner or operator of each storage vessel with a design storage capacity greater than or equal to 38 cubic meters (10,000 gal.)	§ 61.272(a)(1) § 61.272(a)(2) § 61.272(a)(3) § 61.272(a)(3)(ii)	§ 61.276(a) § 61.276(b)	§ 61.272(a)(2) § 61.272(a)(3)(i) § 61.274(a) [G]§ 61.275(a) [G]§ 61.275(b)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.271(a)(4) [G]§ 61.271(a)(5) § 61.271(a)(6) [G]§ 61.271(d) § 61.272(a)(3)(ii)	shall equip the vessel with a fixed roof and an internal floating roof.			§ 61.275(c)
GRPPU05	EU	EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
GRPPU06	EU	V-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B)
GRPPU06	EU	V-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPPU06	EU	V-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPPU06	EU	KA-1	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(2)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall have a fixed roof and an internal floating cover with the specified closure device and vents.	§ 60.115a(a) § 60.115a(b) ** See Periodic Monitoring Summary	§ 60.115a(a)	None
GRPPU06	EU	61Y-1	Benzene	40 CFR Part 61, Subpart Y	§ 61.271(a) § 61.271(a)(1) § 61.271(a)(2) § 61.271(a)(2)(ii) § 61.271(a)(3) § 61.271(a)(4) [G]§ 61.271(a)(5) § 61.271(a)(6) [G]§ 61.271(d) § 61.272(a)(3)(ii)	The owner or operator of each storage vessel with a design storage capacity greater than or equal to 38 cubic meters (10,000 gal.) shall equip the vessel with a fixed roof and an internal floating roof.	§ 61.272(a)(1) § 61.272(a)(2) § 61.272(a)(3) § 61.272(a)(3)(ii) [G]§ 61.272(a)(4)	§ 61.276(a) § 61.276(b)	§ 61.272(a)(2) § 61.272(a)(3)(i) § 61.274(a) [G]§ 61.275(a) [G]§ 61.275(b) § 61.275(c)
GRPPU06	EU	EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
GRPPU07	EU	V-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of this division.			
GRPPU07	EU	V-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPPU07	EU	Kb-2	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/modification began after 7/23/84.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
GRPPU07	EU	EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
GRPPU07C	EU	A1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRPPU07C	EU	A2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						1.5 psia is exempt from the requirements of this division.			
GRPPU07C	EU	A3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(1) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(A) § 115.118(a)(5) § 115.118(a)(7)	None
GRPPU07C	EU	61-Y3	Benzene	40 CFR Part 61, Subpart Y	§ 61.270(b)	Except for Paragraph (b) in §61.276, storage vessels with a design storage capacity less than 38 cubic meters (10,000 gallons) are exempt from the provisions of this subpart.	None	§ 61.276(b)	None
GRPPU07C	EU	EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
GRPPU08	EU	V-1	VOC	30 TAC Chapter 115, Storage of	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A)	No person shall place, store, or hold VOC in any storage tank unless the	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C)	§ 115.114(a)(1)(B)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				VOCs	§ 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.		§ 115.118(a)(7)	
GRPPU08	EU	V-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPPU08	EU	V-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPPU08	EU	Kb-2	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/modification began after 7/23/84.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPPU08	EU	Kb-3	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(B) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) [G]§ 60.113b(a)(3) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(4)
GRPPU08	EU	Kb-5	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/modification began after 7/23/84.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
GRPPU08	EU	Kb-6	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(B) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) [G]§ 60.113b(a)(3) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(4)
GRPPU08	EU	61Y-1	Benzene	40 CFR Part 61, Subpart Y	§ 61.271(a) § 61.271(a)(1) § 61.271(a)(2) § 61.271(a)(2)(ii) § 61.271(a)(3) § 61.271(a)(4) [G]§ 61.271(a)(5) § 61.271(a)(6) [G]§ 61.271(d)	The owner or operator of each storage vessel with a design storage capacity greater than or equal to 38 cubic meters (10,000 gal.) shall equip the vessel with a fixed roof and an internal floating roof.	§ 61.272(a)(1) § 61.272(a)(2) § 61.272(a)(3) § 61.272(a)(3)(ii) [G]§ 61.272(a)(4)	§ 61.276(a) § 61.276(b)	§ 61.272(a)(2) § 61.272(a)(3)(i) § 61.274(a) [G]§ 61.275(a) [G]§ 61.275(b) § 61.275(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.272(a)(3)(ii)				
GRPPU08	EU	EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
GRPPU08A	EU	V-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(6)(C) § 115.118(a)(7)	§ 115.114(a)(1)(B)
GRPPU08A	EU	V-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPPU08A	EU	V-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of this division.			
GRPPU08A	EU	Kb-2	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/modification began after 7/23/84.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
GRPPU08A	EU	Kb-3	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
GRPPU08A	EU	Kb-5	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/modification began after 7/23/84.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
GRPPU08A	EU	Kb-6	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)		§ 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)		
GRPPU08A	EU	EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
GRPPU09	EU	V-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(A) § 115.212(a)(2) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(i) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C) § 60.18	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors from loading VOC with a true vapor pressure of 0.5 psia or greater must be controlled by one of the methods specified in § 115.212(a)(1)(A)-(C).	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(9) § 115.216(1)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
GRPPU09	EU	V-2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
GRPPU09	EU	V-3	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(A) § 115.212(a)(2) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(i)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors from loading VOC with a true	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C) § 60.18	vapor pressure of 0.5 psia or greater must be controlled by one of the methods specified in § 115.212(a)(1)(A)-(C).	§ 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(9) § 115.216(1)	§ 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	
GRPPU09	EU	BB-1	Benzene	40 CFR Part 61, Subpart BB	[G]§ 61.302(a) § 60.18 § 61.302(b) § 61.302(c) § 61.302(f) § 61.302(g) § 61.302(h) § 61.302(i) § 61.302(k)	Equip each loading rack with vapor collection system to collect all displaced benzene vapors and prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2)	§ 61.302(k) § 61.303(b) § 61.304(b) § 61.304(c)(1) § 61.304(c)(2) § 61.304(c)(3) § 61.304(c)(4) § 61.304(e)	§ 61.304(c)(3) § 61.305(a) § 61.305(a)(2) § 61.305(b) § 61.305(e)	§ 61.305(a) § 61.305(a)(5) § 61.305(b) § 61.305(f) § 61.305(f)(1) § 61.305(f)(4)
GRPPU09	EU	BB-2	Benzene	40 CFR Part 61, Subpart BB	[G]§ 61.302(a) § 60.18 § 61.302(b) § 61.302(c) § 61.302(f) § 61.302(g) § 61.302(h) § 61.302(i) § 61.302(k)	Equip each loading rack with vapor collection system to collect all displaced benzene vapors and prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2)	§ 61.302(k) § 61.303(b) § 61.304(b) § 61.304(c)(1) § 61.304(c)(2) § 61.304(c)(3) § 61.304(c)(4) § 61.304(e)	§ 61.304(c)(3) § 61.305(a) § 61.305(a)(2) § 61.305(b) § 61.305(e)	§ 61.305(a) § 61.305(a)(5) § 61.305(b) § 61.305(f) § 61.305(f)(1) § 61.305(f)(4)
GRPPU09	EU	EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
GRPPU10	EU	V-1-loading	VOC	30 TAC Chapter 115, Loading and Unloading of	§ 115.212(a)(6)(A) § 115.212(a)(6)(B) [G]§ 115.212(a)(6)(C) § 115.212(a)(6)(D)	At marine terminals, VOC emissions shall not exceed 0.09 pound from the vapor control system vent per	[G]§ 115.214(a)(3)(A) § 115.214(a)(3)(B) § 115.214(a)(3)(B)(i) § 115.214(a)(3)(B)(ii)	[G]§ 115.214(a)(3)(A) § 115.214(a)(3)(D) § 115.216 § 115.216(1)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				VOC	[G]§ 115.214(a)(3)(A) § 115.214(a)(3)(C) § 115.214(a)(3)(D) § 115.214(a)(3)(E) § 60.18	1,000 gallons (10.8kmg/liter) of VOC loaded into the marine vessel, or a vapor control system with 90% efficiency, or a vapor balance system or pressurized loading may be used.	§ 115.214(a)(3)(B)(iii) § 115.214(a)(3)(D) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(5) § 115.215(7) § 115.215(8) § 115.215(9) § 115.216(1)	§ 115.216(1)(B) § 115.216(2) [G]§ 115.216(4)	
GRPPU10	EU	V-1-unloading	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(5)(B) § 115.214(a)(3)(C) § 115.214(a)(3)(G) § 115.214(a)(3)(G)(i) § 115.217(a)(5)(B)(i)	Unloading of marine vessels is exempt from the requirements of §§115.212(a), 115.214(a), and 115.216 of this title, except as noted.	§ 115.214(a)(3)(B) § 115.214(a)(3)(B)(i)	§ 115.216 § 115.216(2)	None
GRPPU10	EU	V-2-loading	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(5)(B) § 115.212(a)(6)(D) § 115.214(a)(3)(C) § 115.214(a)(3)(G) § 115.214(a)(3)(G)(i) § 115.217(a)(5)(B)(iii)	The marine vessel loading operations specified in §115.217(a)(5)(B)(ii)-(iv) are exempt from the requirements of §§115.212(a), 115.214(a), and 115.216 of this title, except as noted.	§ 115.214(a)(3)(B) § 115.214(a)(3)(B)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2)	None
GRPPU10	EU	V-2-unloading	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(5)(B) § 115.214(a)(3)(C) § 115.214(a)(3)(G) § 115.214(a)(3)(G)(i) § 115.217(a)(5)(B)(i)	Unloading of marine vessels is exempt from the requirements of §§115.212(a), 115.214(a), and 115.216 of this title, except as noted.	§ 115.214(a)(3)(B) § 115.214(a)(3)(B)(i)	§ 115.216 § 115.216(2)	None
GRPPU10	EU	V-3-loading	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(6)(A) § 115.212(a)(6)(B) [G]§ 115.212(a)(6)(C) § 115.212(a)(6)(D) [G]§ 115.214(a)(3)(A)	At marine terminals, VOC emissions shall not exceed 0.09 pound from the vapor control system vent per 1,000 gallons	[G]§ 115.214(a)(3)(A) § 115.214(a)(3)(B) § 115.214(a)(3)(B)(i) § 115.214(a)(3)(B)(iii) § 115.214(a)(3)(B)(iii)	[G]§ 115.214(a)(3)(A) § 115.214(a)(3)(D) § 115.216 § 115.216(1) § 115.216(1)(B)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.214(a)(3)(C) § 115.214(a)(3)(D) § 115.214(a)(3)(E) § 60.18	(10.8kmg/liter) of VOC loaded into the marine vessel, or a vapor control system with 90% efficiency, or a vapor balance system or pressurized loading may be used.	§ 115.214(a)(3)(D) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(5) § 115.215(7) § 115.215(8) § 115.215(9) § 115.216(1)	§ 115.216(2) [G]§ 115.216(4)	
GRPPU10	EU	V-3-unloading	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(5)(B) § 115.214(a)(3)(C) § 115.214(a)(3)(G) § 115.214(a)(3)(G)(i) § 115.217(a)(5)(B)(i)	Unloading of marine vessels is exempt from the requirements of §§115.212(a), 115.214(a), and 115.216 of this title, except as noted.	§ 115.214(a)(3)(B) § 115.214(a)(3)(B)(i)	§ 115.216 § 115.216(2)	None
GRPPU10	EU	61BB-1	Benzene	40 CFR Part 61, Subpart BB	[G]§ 61.302(a) § 60.18 § 61.302(b) § 61.302(c) § 61.302(f) § 61.302(g) § 61.302(j) § 61.302(k)	Equip each loading rack with vapor collection system to collect all displaced benzene vapors and prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2)	§ 61.302(k) § 61.303(b) § 61.304(b) § 61.304(d)(1) § 61.304(d)(2) § 61.304(d)(3) § 61.304(e)	§ 61.304(d)(3) § 61.305(a) § 61.305(a)(2) § 61.305(b) § 61.305(e)	§ 61.305(a) § 61.305(a)(5) § 61.305(b) § 61.305(f) § 61.305(f)(1) § 61.305(f)(4)
GRPPU10	EU	61BB-2	Benzene	40 CFR Part 61, Subpart BB	[G]§ 61.302(a) § 60.18 § 61.302(b) § 61.302(c) § 61.302(f) § 61.302(g) § 61.302(j) § 61.302(k)	Equip each loading rack with vapor collection system to collect all displaced benzene vapors and prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2)	§ 61.302(k) § 61.303(b) § 61.304(b) § 61.304(d)(1) § 61.304(d)(2) § 61.304(d)(3) § 61.304(e)	§ 61.304(d)(3) § 61.305(a) § 61.305(a)(2) § 61.305(b) § 61.305(e)	§ 61.305(a) § 61.305(a)(5) § 61.305(b) § 61.305(f) § 61.305(f)(1) § 61.305(f)(4)
GRPPU10	EU	63Y-1	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.560(a)(2) § 153.282 § 63.560(a)(4)	Existing sources with emissions less than 10 and 25 tons are not subject to the emissions standards in	§ 63.565(l)	§ 63.567(j)(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						§63.562(b) and (d).			
GRPPU10A	EU	V-2-loading	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(5)(B) § 115.212(a)(6)(D) § 115.214(a)(3)(C) § 115.214(a)(3)(G) § 115.214(a)(3)(G)(i) § 115.217(a)(5)(B)(iii)	The marine vessel loading operations specified in §115.217(a)(5)(B)(ii)-(iv) are exempt from the requirements of §§115.212(a), 115.214(a), and 115.216 of this title, except as noted.	§ 115.214(a)(3)(B) § 115.214(a)(3)(B)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2)	None
GRPPU10A	EU	V-2-unloading	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(5)(B) § 115.214(a)(3)(C) § 115.214(a)(3)(G) § 115.214(a)(3)(G)(i) § 115.217(a)(5)(B)(i)	Unloading of marine vessels is exempt from the requirements of §§115.212(a), 115.214(a), and 115.216 of this title, except as noted.	§ 115.214(a)(3)(B) § 115.214(a)(3)(B)(i)	§ 115.216 § 115.216(2)	None
GRPPU10A	EU	V-4-loading	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(6)(A) § 115.212(a)(6)(B) [G]§ 115.212(a)(6)(C) § 115.212(a)(6)(D) [G]§ 115.214(a)(3)(A) § 115.214(a)(3)(C) § 115.214(a)(3)(D) § 115.214(a)(3)(E)	At marine terminals, VOC emissions shall not exceed 0.09 pound from the vapor control system vent per 1,000 gallons (10.8kmg/liter) of VOC loaded into the marine vessel, or a vapor control system with 90% efficiency, or a vapor balance system or pressurized loading may be used.	[G]§ 115.214(a)(3)(A) § 115.214(a)(3)(B) § 115.214(a)(3)(B)(i) § 115.214(a)(3)(B)(ii) § 115.214(a)(3)(B)(iii) § 115.214(a)(3)(D) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(5) § 115.215(7) § 115.215(8) § 115.215(9) § 115.216(1) § 115.216(1)(A) § 115.216(1)(A)(iv)	[G]§ 115.214(a)(3)(A) § 115.214(a)(3)(D) § 115.216 § 115.216(1) § 115.216(1)(A) § 115.216(1)(A)(iv) § 115.216(2) [G]§ 115.216(4)	None
GRPPU10A	EU	V-4-unloading	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(5)(B) § 115.214(a)(3)(C) § 115.214(a)(3)(G) § 115.214(a)(3)(G)(i) § 115.217(a)(5)(B)(i)	Unloading of marine vessels is exempt from the requirements of §§115.212(a), 115.214(a), and 115.216 of this title,	§ 115.214(a)(3)(B) § 115.214(a)(3)(B)(i)	§ 115.216 § 115.216(2)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						except as noted.			
GRPPU10A	EU	61BB-3	Benzene	40 CFR Part 61, Subpart BB	[G]§ 61.302(a) § 61.302(b) § 61.302(f) § 61.302(g) § 61.302(j) § 61.302(k) § 61.303(e)	Equip each loading rack with vapor collection system to collect all displaced benzene vapors and prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2)	§ 61.302(k) § 61.304(a)(1) § 61.304(a)(2) § 61.304(a)(4) § 61.304(a)(4)(i) § 61.304(a)(4)(ii) § 61.304(a)(4)(iii) § 61.304(a)(4)(iv) § 61.304(a)(5) § 61.304(a)(6) § 61.304(a)(7) § 61.304(d)(1) § 61.304(d)(2) § 61.304(d)(3) § 61.304(e)	§ 61.304(a)(4)(i) § 61.304(d)(3) § 61.305(a) § 61.305(b)	§ 61.305(a) § 61.305(a)(5) § 61.305(b) § 61.305(f) § 61.305(f)(1)
GRPPU10A	EU	63Y-1	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.560(a)(2) § 153.282 § 63.560(a)(4)	Existing sources with emissions less than 10 and 25 tons are not subject to the emissions standards in §63.562(b) and (d).	§ 63.565(l)	§ 63.567(j)(4)	None
P-501	EP	111-EPUMP	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
P-501	EU	117-EPUMP	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D) [G]§ 117.310(f)	Units exempted from the provisions of this division, except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1), and 117.354(a)(5), include stationary gas turbines and stationary internal	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.			
P-505	EP	111-EPUMP	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
P-505	EU	117-EPUMP	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D) [G]§ 117.310(f)	Units exempted from the provisions of this division, except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1), and 117.354(a)(5), include stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	None
P-705	EP	111-EPUMP	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						period for any source on which construction was begun after January 31, 1972.			
P-705	EU	117-EPUMP	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D) [G]§ 117.310(f)	Units exempted from the provisions of this division, except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1), and 117.354(a)(5), include stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	None
VO-1	EP	111-VO-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
VO-1	EU	117-VO-1	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B)	CO emissions must not exceed 400 ppmv at 3.0% O <sub>2</sub> , dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary		[G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
VO-1	EU	117-VO-1	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) [G]§ 117.310(a)(16) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO <sub>x</sub> emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)



## **Additional Monitoring Requirements**

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### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: BLR-3	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: 111-BLR-3
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Fuel Type	
Minimum Frequency: Annually or at any time an alternate fuel is used	
Averaging Period: N/A	
Deviation Limit: It is a deviation if the fuel type is not recorded or presence of visible emissions during firing of an alternate fuel.	
<p>Periodic Monitoring Text: Record the type of fuel used by the unit. If an alternate fuel is fired, either alone or in combination with the specified gas, for a period greater than or equal to 24 consecutive hours it shall be considered and reported as a deviation or the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are observed. Any time an alternate fuel is fired for a period of greater than 7 consecutive days then visible emissions observations will be conducted no less than once per week. Documentation of all observations shall be maintained. If visible emissions are present during the firing of an alternate fuel, the permit holder shall either list this occurrence as a deviation or the permit holder may determine the opacity consistent with Test Method 9. Any opacity readings that are above the opacity limit from the underlying applicable requirement shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: BLR-4	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: 111-BLR-4
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Fuel Type	
Minimum Frequency: Annually or at any time an alternate fuel is used	
Averaging Period: N/A	
Deviation Limit: It is a deviation if the fuel type is not recorded or presence of visible emissions during firing of an alternate fuel.	
<p>Periodic Monitoring Text: Record the type of fuel used by the unit. If an alternate fuel is fired, either alone or in combination with the specified gas, for a period greater than or equal to 24 consecutive hours it shall be considered and reported as a deviation or the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are observed. Any time an alternate fuel is fired for a period of greater than 7 consecutive days then visible emissions observations will be conducted no less than once per week. Documentation of all observations shall be maintained. If visible emissions are present during the firing of an alternate fuel, the permit holder shall either list this occurrence as a deviation or the permit holder may determine the opacity consistent with Test Method 9. Any opacity readings that are above the opacity limit from the underlying applicable requirement shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: BLR-5	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: 111-BLR-5
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Fuel Type	
Minimum Frequency: Annually or at any time an alternate fuel is used	
Averaging Period: N/A	
Deviation Limit: It is a deviation if the fuel type is not recorded or presence of visible emissions during firing of an alternate fuel.	
<p>Periodic Monitoring Text: Record the type of fuel used by the unit. If an alternate fuel is fired, either alone or in combination with the specified gas, for a period greater than or equal to 24 consecutive hours it shall be considered and reported as a deviation or the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are observed. Any time an alternate fuel is fired for a period of greater than 7 consecutive days then visible emissions observations will be conducted no less than once per week. Documentation of all observations shall be maintained. If visible emissions are present during the firing of an alternate fuel, the permit holder shall either list this occurrence as a deviation or the permit holder may determine the opacity consistent with Test Method 9. Any opacity readings that are above the opacity limit from the underlying applicable requirement shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-VC	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: 117-01
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Usage, CO Emission Factor	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: Maximum CO concentration = 400 ppmv at 3.0% O <sub>2</sub> , dry basis.	
<p>Periodic Monitoring Text: The units must be operated at all times with a totalizing fuel flow meter, with an accuracy of +/- 5%, to individually and continuously measure the fuel usage. Upon the initial stack testing required per § 117.335(a)(1), CO emissions must be calculated and recorded monthly utilizing the fuel usage and the unit-specific CO emissions factor derived during initial stack testing. Any monitoring data that indicates CO concentration exceeds 400 ppmv at 3.0% O<sub>2</sub>, dry basis, or the fuel usage is not recorded shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPPU02	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: K-1
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
<p>Deviation Limit: It is a deviation if any monitoring data indicating that roof is not floating on the surface of the VOC, liquid has accumulated on the internal floating roof, the seals are detached, or that there are holes or tears in the seal fabric.</p>	
<p>Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPPU03	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: K-1
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
<p>Deviation Limit: It is a deviation if any monitoring data indicating that roof is not floating on the surface of the VOC, liquid has accumulated on the internal floating roof, the seals are detached, or that there are holes or tears in the seal fabric.</p>	
<p>Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPPU05	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Ka	SOP Index No.: KA-1
Pollutant: VOC	Main Standard: § 60.112a(a)(2)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric.	
Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.	



### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPPU06	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Ka	SOP Index No.: KA-1
Pollutant: VOC	Main Standard: § 60.112a(a)(2)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric.	
Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: P-501	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: 111-EPUMP
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Fuel Type	
Minimum Frequency: Annually or at any time an alternate fuel is used	
Averaging Period: N/A	
Deviation Limit: It is a deviation if the fuel type is not recorded or presence of visible emissions during firing of an alternate fuel.	
<p>Periodic Monitoring Text: Record the type of fuel used by the unit. If an alternate fuel is fired, either alone or in combination with the specified gas, for a period greater than or equal to 24 consecutive hours it shall be considered and reported as a deviation or the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are observed. Any time an alternate fuel is fired for a period of greater than 7 consecutive days then visible emissions observations will be conducted no less than once per week. Documentation of all observations shall be maintained. If visible emissions are present during the firing of an alternate fuel, the permit holder shall either list this occurrence as a deviation or the permit holder may determine the opacity consistent with Test Method 9. Any opacity readings that are above the opacity limit from the underlying applicable requirement shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: P-505	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: 111-EPUMP
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Fuel Type	
Minimum Frequency: Annually or at any time an alternate fuel is used	
Averaging Period: N/A	
Deviation Limit: It is a deviation if the fuel type is not recorded or presence of visible emissions during firing of an alternate fuel.	
<p>Periodic Monitoring Text: Record the type of fuel used by the unit. If an alternate fuel is fired, either alone or in combination with the specified gas, for a period greater than or equal to 24 consecutive hours it shall be considered and reported as a deviation or the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are observed. Any time an alternate fuel is fired for a period of greater than 7 consecutive days then visible emissions observations will be conducted no less than once per week. Documentation of all observations shall be maintained. If visible emissions are present during the firing of an alternate fuel, the permit holder shall either list this occurrence as a deviation or the permit holder may determine the opacity consistent with Test Method 9. Any opacity readings that are above the opacity limit from the underlying applicable requirement shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: P-705	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: 111-EPUMP
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Fuel Type	
Minimum Frequency: Annually or at any time an alternate fuel is used	
Averaging Period: N/A	
Deviation Limit: It is a deviation if the fuel type is not recorded or presence of visible emissions during firing of an alternate fuel.	
<p>Periodic Monitoring Text: Record the type of fuel used by the unit. If an alternate fuel is fired, either alone or in combination with the specified gas, for a period greater than or equal to 24 consecutive hours it shall be considered and reported as a deviation or the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are observed. Any time an alternate fuel is fired for a period of greater than 7 consecutive days then visible emissions observations will be conducted no less than once per week. Documentation of all observations shall be maintained. If visible emissions are present during the firing of an alternate fuel, the permit holder shall either list this occurrence as a deviation or the permit holder may determine the opacity consistent with Test Method 9. Any opacity readings that are above the opacity limit from the underlying applicable requirement shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: VO-1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: 111-VO-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Fuel Type	
Minimum Frequency: Annually or at any time an alternate fuel is used	
Averaging Period: N/A	
Deviation Limit: It is a deviation if the fuel type is not recorded or presence of visible emissions during firing of an alternate fuel.	
<p>Periodic Monitoring Text: Record the type of fuel used by the unit. If an alternate fuel is fired, either alone or in combination with the specified gas, for a period greater than or equal to 24 consecutive hours it shall be considered and reported as a deviation or the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are observed. Any time an alternate fuel is fired for a period of greater than 7 consecutive days then visible emissions observations will be conducted no less than once per week. Documentation of all observations shall be maintained. If visible emissions are present during the firing of an alternate fuel, the permit holder shall either list this occurrence as a deviation or the permit holder may determine the opacity consistent with Test Method 9. Any opacity readings that are above the opacity limit from the underlying applicable requirement shall be reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: VO-1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: 117-VO-1
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Usage, CO Emission Factor	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: Maximum CO concentration = 400 ppmv at 3.0% O <sub>2</sub> , dry basis.	
<p>Periodic Monitoring Text: VO-1 must be operated at all times with a totalizing fuel flow meter, with an accuracy of +/- 5%, to individually and continuously measure the fuel usage. CO emissions must be calculated and recorded monthly utilizing the fuel usage and the unit-specific CO emissions factor derived during initial stack testing. Any monitoring data that indicates CO concentration exceeds 400 ppmv at 3.0% O<sub>2</sub>, dry basis, or the fuel usage is not recorded shall be reported as a deviation.</p>	

**Permit Shield**

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### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
FL-2	N/A	40 CFR Part 60, Subpart A	Flare is not used to comply with any NSPS.
FUG	N/A	30 TAC Chapter 115, HRVOC Fugitive Emissions	Unit is not located within or associated with any of the described applicable operations/processes §115.780(a).
FUG	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Unit is not located within or associated with any of the described applicable operations/processes §115.352.
FUG-M	N/A	30 TAC Chapter 115, HRVOC Fugitive Emissions	Unit is not located within or associated with any of the described applicable operations/processes §115.780(a).
GRP-EEEE	B-502, B-503, B-505, B-506	40 CFR Part 60, Subpart Ka	Tanks do not store petroleum liquids.
GRPPU01	B-10, B-11, B-15, B-16, B-18, B-19, B-20, B-202, B-203, B-205, B-207, B-21, B-22, B-23, B-24, B-25, B-26, B-27, B-29, B-30, B-33, B-34, B-6, B-7, B-8, B-9, V-9302	40 CFR Part 60, Subpart K	Tanks do not store petroleum liquids.
GRPPU04	B-206, B-208, B-209, B-215, B-301, B-302, B-303, B-306, B-307, B-35, V-9223	40 CFR Part 60, Subpart Ka	Tanks do not store petroleum liquids.
GRPPU07C	V-9602, V-9603, V-9604	40 CFR Part 60, Subpart Kb	Tank capacity less than 19,800 gallons.



**New Source Review Authorization References**

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<b>New Source Review Authorization References by Emission Unit .....</b>	<b>89</b>

### New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

<b>Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.</b>	
Authorization No.: 3467B	Issuance Date: 02/12/2021
<b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.266	Version No./Date: 09/04/2000
Number: 106.373	Version No./Date: 03/14/1997
Number: 106.412	Version No./Date: 03/14/1997
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 03/14/1997
Number: 106.478	Version No./Date: 03/14/1997
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 03/14/1997
Number: 106.532	Version No./Date: 09/04/2000

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
1	LOADING/UNLOADING (SHIP)	3467B
100-1	KB IFR WITH MS W/ SECONDARY SEAL	3467B
100-2	KB IFR WITH MS W/ SECONDARY SEAL	3467B
100-3	KB IFR WITH MS W/ SECONDARY SEAL	3467B
100-4	KB IFR WITH MS W/ SECONDARY SEAL	3467B
100-5	KB IFR WITH MS W/ SECONDARY SEAL	3467B
100-6	KB IFR WITH MS W/ SECONDARY SEAL	3467B
100-7	KB IFR WITH MS W/ SECONDARY SEAL	3467B
100-8	KB IFR WITH MS W/ SECONDARY SEAL	3467B
120-7	KB IFR WITH MS W/ SECONDARY SEAL	3467B
120-8	KB IFR WITH MS W/ SECONDARY SEAL	3467B
14	LOADING/UNLOADING (TRACK)	3467B
2	LOADING/UNLOADING (BARGE)	3467B
25-1	KB FIXED	3467B, 106.472/09/04/2000
25-2	KB FIXED	3467B, 106.472/09/04/2000
25-3	KB FIXED	3467B, 106.472/09/04/2000
5-1	KB IFR TANK W/MS W/SEC	3467B, 106.478/09/04/2000
5-2	KB FIXED	3467B, 106.472/09/04/2000
50-1	KB FIXED	3467B, 106.472/09/04/2000
B-1	KB FIXED ROOF TANKS	3467B
B-10	K FIXED ROOF TANKS	3467B

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
B-11	K FIXED ROOF TANKS	3467B
B-12	K INTERNAL FLOATING ROOF TANKS W/DOUBLE WIPER SEAL	3467B
B-13	KB FIXED ROOF TANK	3467B
B-14	K INTERNAL FLTNG ROOF TANKS W/MECHANICAL SHOE SEAL	3467B
B-15	K FIXED ROOF TANKS	3467B
B-16	K FIXED ROOF TANKS	3467B
B-17	KA INTERNAL FLTNG ROOF TANK W/MECHANICAL SHOE SEAL	3467B
B-18	K FIXED ROOF TANKS	3467B
B-19	K FIXED ROOF TANKS	3467B
B-2	KB FIXED ROOF TANKS	3467B
B-20	K FIXED ROOF TANKS	3467B
B-200	K INTERNAL FLOATING ROOF TANKS W/DOUBLE WIPER SEAL	3467B
B-201	KB FIXED ROOF TANK	3467B
B-202	K FIXED ROOF TANKS	3467B
B-203	K FIXED ROOF TANKS	3467B
B-204	KA IFR TANK W/DOUBLE WIPER SEAL	3467B
B-205	K FIXED ROOF TANKS	3467B
B-206	KA FIXED ROOF TANKS	3467B
B-207	K FIXED ROOF TANKS	3467B
B-208	KA FIXED ROOF TANKS	3467B
B-209	KA FIXED ROOF TANKS	3467B

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
B-21	K FIXED ROOF TANKS	3467B
B-210	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-211	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-212	KB FIXED ROOF TANK	3467B
B-213	KB FIXED ROOF TANKS	3467B
B-214	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-215	KA FIXED ROOF TANKS	3467B
B-216	KB INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-217	KB MECH SH	3467B
B-218	KB MECH SH	3467B
B-219	KB FIXED ROOF TANK	3467B
B-22	K FIXED ROOF TANKS	3467B
B-220	KB IFR WITH DOUBLE WIPER SEAL	3467B
B-221	KB FIXED ROOF TANK	3467B
B-222	KB FIXED ROOF TANK	3467B
B-223	KB FIXED ROOF TANK	106.478/09/04/2000
B-224	KB FIXED ROOF TANK	106.478/09/04/2000
B-225	KB FIXED ROOF TANK	106.478/09/04/2000
B-226	KB FIXED ROOF TANK	106.478/09/04/2000
B-23	K FIXED ROOF TANKS	3467B
B-24	K FIXED ROOF TANKS	3467B

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
B-25	K FIXED ROOF TANKS	3467B
B-26	K FIXED ROOF TANKS	3467B
B-27	K FIXED ROOF TANKS	3467B
B-28	KB IFR WITH MS W/ SECONDARY SEAL	3467B
B-29	K FIXED ROOF TANKS	3467B
B-3	KB IFR WITH MECHANICAL SHOE SEAL	3467B
B-30	K FIXED ROOF TANKS	3467B
B-300	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-301	KA FIXED ROOF TANKS	3467B
B-302	KA FIXED ROOF TANKS	3467B
B-303	KA FIXED ROOF TANKS	3467B
B-304	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-305	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-306	KA FIXED ROOF TANKS	3467B
B-307	KA FIXED ROOF TANK	3467B
B-308	KB FIXED ROOF TANKS	3467B
B-309	KB FIXED ROOF TANK	3467B
B-31	K INTERNAL FLOATING ROOF TANKS W/DOUBLE WIPER SEAL	3467B
B-310	KB MECH SH	3467B
B-311	KB FIXED ROOF TANKS	3467B
B-313	KB FIXED ROOF TANKS	3467B

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
B-314	KB FIXED ROOF TANK	106.478/09/04/2000
B-315	KB FIXED ROOF TANK	106.478/09/04/2000
B-316	KB FIXED ROOF TANK	106.478/09/04/2000
B-317	KB FIXED ROOF TANK	106.478/09/04/2000
B-32	K INTERNAL FLOATING ROOF TANKS W/DOUBLE WIPER SEAL	3467B
B-33	K FIXED ROOF TANKS	3467B
B-34	K FIXED ROOF TANKS	3467B
B-35	KA FIXED ROOF TANKS	3467B
B-36	KB FIXED ROOF TANKS	3467B
B-37	KB FIXED ROOF TANKS	3467B
B-38	KB FIXED ROOF TANKS	3467B
B-39	KB FIXED ROOF TANKS	3467B
B-4	KB IFR WITH MECHANICAL SHOE SEAL	3467B
B-40	KB FIXED ROOF TANKS	3467B
B-400	K INTERNAL FLOATING ROOF TANKS W/DOUBLE WIPER SEAL	3467B
B-401	K INTERNAL FLOATING ROOF TANKS W/DOUBLE WIPER SEAL	3467B
B-402	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-403	K INTERNAL FLOATING ROOF TANKS W/DOUBLE WIPER SEAL	3467B
B-404	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-405	K INTERNAL FLOATING ROOF TANKS W/DOUBLE WIPER SEAL	3467B
B-406	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
B-407	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-408	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-409	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-41	KB FIXED ROOF TANKS	3467B
B-410	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-411	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-412	KB FIXED ROOF TANKS	3467B
B-413	KB INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-414	KB FIXED ROOF TANKS	3467B
B-415	KB FIXED ROOF TANKS	3467B
B-42	KB IFR WITH MECHANICAL SHOE SEAL	106.478/09/04/2000
B-43	KB IFR WITH MECHANICAL SHOE SEAL	106.478/09/04/2000
B-5	KB IFR WITH MECHANICAL SHOE SEAL	3467B
B-500	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-501	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-502	KA FIXED ROOF TANKS	3467B
B-503	KA FIXED ROOF TANKS	3467B
B-504	KA INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-505	KA FIXED ROOF TANKS	3467B
B-506	KA FIXED ROOF TANKS	3467B
B-507	KA INTERNAL FLOATING ROOF TANK W/MECH SH	3467B



### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
B-6	K FIXED ROOF TANKS	3467B
B-600	KB FIXED ROOF TANKS	3467B
B-7	K FIXED ROOF TANKS	3467B
B-701	KB IFR W/MECH SH	3467B
B-702	KB FIXED ROOF TANK	3467B
B-703	KB IFR W/MECH SH	3467B
B-704	KB IFR W/MECH SH	3467B
B-705	KB IFR TANK W/MS W/SEC	3467B
B-706	KB IFR TANK W/MS W/SEC	3467B
B-707F	KB FIXED ROOF TANK	106.472/09/04/2000
B-708F	KB IFR WITH MECHANICAL SHOE SEAL	106.472/09/04/2000
B-709	KB IFR TANK W/MS W/SEC	3467B
B-710	KB IFR TANK W/MS W/SEC	3467B
B-711	KB IFR TANK W/MS W/SEC	3467B
B-712	KB IFR TANK W/MS W/SEC	3467B
B-8	K FIXED ROOF TANKS	3467B
B-800	KB IFR W/MECH SH	106.478/03/14/1997
B-801	KB IFR WITH MECHANICAL SHOE SEAL	3467B
B-802	KB INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-803	KB INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-804	KB INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
B-805	KB INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-806	KB INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-807	KB INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-808	KB INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-809	KB INTERNAL FLOATING ROOF TANK W/DOUBLE WIPER SEAL	3467B
B-810	KB FIXED ROOF TANK	106.472/09/04/2000
B-811	KB FIXED ROOF TANK	106.472/09/04/2000
B-812	KB IFR WITH MS W/ SECONDARY SEAL	3467B
B-813	KB IFR WITH MS W/ SECONDARY SEAL	3467B
B-814	KB FIXED ROOF TANK	106.478/09/04/2000
B-815	KB FIXED ROOF TANK	106.478/09/04/2000
B-816	KB IFR WITH MS W/ SECONDARY SEAL	106.478/09/04/2000
B-817	KB IFR WITH MS W/ SECONDARY SEAL	106.478/09/04/2000
B-818	KB IFR WITH MS W/ SECONDARY SEAL	106.478/09/04/2000
B-819	KB FIXED ROOF TANK	106.478/09/04/2000
B-9	K FIXED ROOF TANKS	3467B
B-9404	KB IFR WITH MS W/ SECONDARY SEAL	3467B
B-9405	KB IFR WITH MECHANICAL SHOE SEAL	3467B
B-9406	KB IFR WITH MS W/ SECONDARY SEAL	106.478/09/04/2000
B-9408	KB FIXED ROOF TANK	106.478/09/04/2000
BG-1	BARGE DOCK NO. 3	3467B

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
BLR-3	BOILER 600 HP	3467B
BLR-3	BOILER VENT	3467B
BLR-4	BOILER 350 HP	3467B
BLR-4	BOILER VENT	3467B
BLR-5	600 HP BOILER	3467B
BLR-5	BOILER VENT	3467B
EMGEN-A	402-HP-CI-EMERGENCY GENERATOR	106.511/03/14/1997
EMGEN-B	400KW EMERGENCY GENERATOR	106.511/03/14/1997
EMGEN-C	400KW EMERGENCY GENERATOR	106.511/03/14/1997
FL-1	LAND LOADING RACK FLARE 1	3467B
FL-2	STYRENE TANK FLARE	3467B
FL-3	LAND LOADING RACK FLARE 2	3467B
FL-4	PROPYLENE OXIDE MARINE FLARE 4 BURNER #1	3467B
FL-5	MARINE FLARE BURNER #2, MARINE FLARE BURNER #3	3467B
FL-6	EMERGENCY FLARE	3467B
FL-7	MARINE FLARE	3467B
FUG	FUGITIVES EMISSIONS	3467B
FUG-M	MARINE LOADING FUGITIVES	3467B
LR-1	TRUCK AND RAIL CAR LOADING RACK	3467B
LR-2	TRUCK AND RAIL CAR LOADING RACK	3467B
LR-3	TRUCK LOADING RACK	3467B

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
LR-4	RAIL CAR LOADING RACK	3467B
LR-5	TRUCK LOADING RACK NO. 4	3467B
MT-1	SHIP AND BARGE DOCK	3467B
MT-2	SHIP AND BARGE DOCK	3467B
P-501	EMERGENCY FIRE WATER PUMP ENGINE	106.511/03/14/1997
P-501	EMERGENCY FIRE WATER PUMP ENGINE VENT	106.511/03/14/1997
P-505	EMERGENCY FIRE WATER PUMP ENGINE	106.511/03/14/1997
P-505	EMERGENCY FIRE WATER PUMP ENGINE VENT	106.511/03/14/1997
P-705	EMERGENCY FIRE WATER PUMP ENGINE	106.511/03/14/1997
P-705	EMERGENCY FIRE WATER PUMP ENGINE VENT	106.511/03/14/1997
SRT-1	TRUCK UNLOADING RACK	3467B
SRT-2	TRUCK UNLOADING RACK	3467B
SRT-3	TRUCK UNLOADING RACK	3467B
SRT-4	TRUCK UNLOADING RACK	3467B
SRT-5	TRUCK UNLOADING RACK	3467B
V-1422	KB FIXED ROOF	3467B
V-1516	KB IFR W/DOUBLE SEAL	3467B
V-9201	K IFR W/DOUBLE SEAL	3467B
V-9202	K IFR W/MECH SHOE	3467B
V-9203	K IFR TANK WITH MECHANICAL SHOE SEAL	3467B
V-9204	K IFR W/DOUBLE SEAL	3467B

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
V-9205	K INTERNAL FLTING ROOF TANK W/MECHANICAL SHOE SEAL	3467B
V-9206	K IFR TANK WITH DOUBLE WIPER SEAL	3467B
V-9207	KB FIXED ROOF TANK	3467B
V-9217	K IFR W/MECH SHOE W WIPER	3467B
V-9223	KA FIXED ROOF TANKS	3467B
V-9225	KB FIXED ROOF TANK	3467B
V-9227	KB IFR W/MECH SHOE W WIPER	3467B
V-9266	KB IFR W/MECH SHOE	3467B
V-9301	K IFR W/MECH SHOE W WIPER	3467B
V-9302	K FIXED ROOF TANKS	3467B
V-9303	K IFR W/MECH SHOE	3467B
V-9304	K IFR W/MECH SHOE W WIPER	3467B
V-9305	K IFR W/MECH SHOE W WIPER	3467B
V-9306	K IFR W/MECH SHOE W WIPER	3467B
V-9307	KB IFR WITH MECHANICAL SHOE SEAL	3467B
V-9308	KB IFR WITH MECHANICAL SHOE SEAL	3467B
V-9401	KA IFR W/MECH SHOE W WIPER	3467B
V-9402	KA IFR W/MECH SHOE W WIPER	3467B
V-9403	KA IFR W/MECH SHOE W WIPER	3467B
V-9407	KB IFR W/MECH SHOE	3467B
V-9409	KB IFR WITH MECHANICAL SHOE SEAL	3467B

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
V-9410	KB IFR WITH MECHANICAL SHOE SEAL	3467B
V-9602	KB PRESSURE TANK W/CONTROL	3467B
V-9603	KB PRESSURE TANK W/CONTROL	3467B
V-9604	KB PRESSURE TANK W/CONTROL	3467B
V-9701	KA IFR W/MECH SHOE	3467B
VC-4	VAPOR COMBUSTOR 4	3467B
VC-6	VAPOR COMBUSTOR 6	3467B
VO-1	VAPOR OXIDIZER	3467B
VO-1	VAPOR OXIDIZER VENT	3467B

\*\*This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

**Alternative Requirement**

**Alternative Requirement..... 102**

## Alternative Requirement



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 6  
1445 ROSS AVENUE, SUITE 1200  
DALLAS, TX 75202-2733

AUG 28 2003

Ralph Chalet  
RMA, Inc.  
6620 Cypresswood Dr., Suite 200  
Spring, TX 77379

Re: Request for Alternate Provisions of 40 CFR 61.242-1(d)  
LBC Houston LP  
Kinder Morgan Liquids Terminal LP  
Intercontinental Terminals Company

Dear Mr. Chalet:

This letter is in response to your requests for an alternative provisions, dated June 14, 2002. You said in your letters that you are representing three different facilities, LBC Houston, Kinder Morgan Liquids, and Intercontinental Company (ITC), which are bulk liquid storage terminals in Harris County, Texas that historically and currently store benzene. You stated that the portions of the facilities' piping system that actually handle the benzene are subject to 40 CFR part 61, Subparts J and V. In your letters you requested an alternative provision to 40 CFR 61.242-1(d), which defines the marking of "connectors". Specifically, you requested the use of 40 CFR 65.103(b)(1).

In a subsequent telephone conversation with Anupa Ahuja of my staff, you clarified and explained your request that these facilities be allowed the alternative provisions of 40 CFR 65.103(b)(1), which allows that "connectors need not be individually identified if all connectors in a designated area or length of pipe subject to the provisions of this subpart are identified as a group, and the number of connectors subject is indicated." You stated that currently, these facilities have physically tagged each connector as well as the upstream and downstream flanges for each connector and that this is overly burdensome. You stated that all three facilities maintain electronic databases which identify each connector subject to the 40 CFR Subparts J and V with a unique identification number, location, size, type, and type of service. These databases allow the information to be easily accessed with a number of criteria, including those listed above, as well as by NSR or Title V permit. You stated that the information in the databases is accurate and up to date and would be made readily available to state or EPA inspectors on request.

Subpart for Subpart substitutions for alternative monitoring are approvable, but the regulations do not allow the use of one citation (in this case, 40 CFR 65.103(b)(1)) as an alternative provision for the marking requirements of 40 CFR 61.242-1(d).

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However, considering the development of regulations subsequent to 40 CFR Subparts J and V, specifically 40 CFR Subpart F, which does allow connectors to be marked as a group in a designated area or length of pipe, EPA approves your request for the identification of connectors via the electronic database, which allows for the individual specification of each connector, in lieu of physically tagging each connector.

This approval is based upon the information that you provided regarding the electronic database, that each connector has an individual and unique identification number in the database, along with information on type, size and type of service. As a condition of this approval, EPA requires that in the event that a connector is added or deleted from service, the database will be updated within 5 working days of the change. In addition, information in the database must be made available to state and federal inspectors upon request.

If any of the information regarding the capabilities of the database at these facilities, LBC Houston located in Seabrook, Texas, Intercontinental Terminals Company (ITC) located in Deer Park, Texas, and Kinder Morgan Liquids Terminal in Galena Park, Texas, is inaccurate, this approval for alternative provisions is revoked and these facilities must comply with the standards of 40 CFR 61.242-1(d) in marking connectors.

This approval has been coordinated with EPA's Office of Compliance in Washington, D.C., and with EPA's Emissions Standards Division in Research Triangle Park, North Carolina, as well as Troy Dalton of TCEQ.

If you have any questions concerning this determination, please contact Ms. Anupa Ahuja of my staff at (214) 665-2701.

Sincerely yours,



William K. Honker, P.E.

Chief

Air/Toxics and Inspection

Coordination Branch

cc: Troy Dalton (MC 171)  
(TCEQ @ Austin, TX)

Marcia Mia (MC 2223A)  
(EPA, OECA, OC, CCSMD, CIB)

David Markwordt  
(EPA, OAQPS, ESD)

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**Appendix A**

**Acronym List ..... 105**

## Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H <sub>2</sub> S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO <sub>x</sub>	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO <sub>2</sub>	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound